

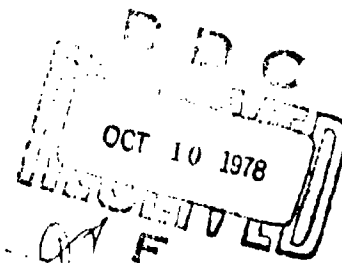
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STRUCTURAL AREA INSPECTION FREQUENCY EVALUATION (SAIFE)

Volume III. Demonstration Input, Inspection Survey, and MRR Data

Carter J. Dinkeloo
Martin S. Moran



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FINAL REPORT

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16. Abstract To assist in the evaluation of proposed structural inspection programs for commercial jet transport aircraft, a logic was developed to simulate structural defects, failures, and inspections. This logic was incorporated in a computer program entitled Structural Area Inspection Frequency Evaluation (SAIFE). With the objective of quantifying the evaluation process currently used to establish and modify inspection intervals, SAIFE accounts for the following factors: (1) aircraft design analysis; (2) fatigue testing; (3) production, service, and corrosion defects; (4) probability of crack or corrosion detection; and (5) aircraft modification economics. As a five-volume document, this report covers the initial contract effort plus a subsequent parametric analysis as follows: Volume I (entitled Executive Summary) presents the SAIFE logic and documents the methodology for the decision-making processes in the simulation logic. Volume II (entitled Description of Simulation Logic) details the SAIFE simulation logic, presents the background data for the analytical functions and decision-making processes, and includes data for a typical simulation problem. Volume III presents data tabulations derived from historical trends and design input data for a SAIFE demonstration problem. As the user's manual for the SAIFE computer program, Volume IV (entitled Software Documentation and User's Manual) contains detailed computer logic flow diagrams and a complete listing of the program which is written in SIMSCRIPT II.5. Volume V (entitled Results of Model Demonstration) presents the results of the program application to a hypothetical aircraft and compares these results with the service experience of operational aircraft.		
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METRIC CONVERSION FACTORS

Approximate Conversions to Metric Measures

Symbol	When You Have	Multiply by	To Find	Symbol
LENGTH				
in	inches	2.5	centimeters	cm
ft	feet	30	centimeters	cm
y	yards	0.9	meters	m
mi	miles	1.6	kilometers	km
AREA				
sq in	square inches	6.5	square centimeters	sq cm
sq ft	square feet	0.09	square meters	sq m
sq yd	square yards	0.8	square meters	sq m
sq mi	square miles	2.6	square kilometers	sq km
ac	acres	0.4	hectares	ha
MASS (weight)				
oz	ounces	28	grams	g
lb	pounds	0.45	kilograms	kg
short ton	short tons	0.9	tonnes	t
long ton	long tons	1.0	tonnes	t
VOLUME				
cu in	cubic inches	16	milliliters	ml
cu ft	cubic feet	28	liters	l
cu yd	cubic yards	0.76	cubic meters	cu m
gal	gallons	3.8	liters	l
qt	quarts	0.95	liters	l
p	pints	0.47	liters	l
c	cups	0.24	liters	l
fl oz	fluid ounces	2.9	centiliters	cl
teaspoon	teaspoons	5	milliliters	ml
tablespoon	tablespoons	15	milliliters	ml
drop	drops	20	milliliters	ml
barrel	barrels	160	liters	l
oil barrel	oil barrels	160	liters	l
keg	kegs	119	liters	l
hogshead	hogsheads	63	liters	l
cord	cord	128	cubic feet	cu ft
chord	chord	128	cubic feet	cu ft
chord	chord	128	cubic feet	cu ft
TEMPERATURE (exact)				
°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C

* 1 in = 2.54 (exact). For other exact conversions and more detailed tables, see NBS Mon. Publ. 750, Units of Weight and Measure, Price \$2.25, SD Catalog No. C13.10.286.



Approximate Conversions from Metric Measures

When You Have	Multiply by	To Find	Symbol
LENGTH			
centimeters	0.04	inches	in
centimeters	0.4	inches	in
meters	3.3	feet	ft
meters	1.1	yards	yd
kilometers	0.6	miles	mi
AREA			
square centimeters	0.16	square inches	sq in
square meters	1.2	square yards	sq yd
square kilometers	0.4	square miles	sq mi
hectares (10,000 m ²)	2.5	acres	ac
MASS (weight)			
grams	0.005	ounces	oz
kilograms	2.2	pounds	lb
tonnes (1000 kg)	1.1	short tons	ton
VOLUME			
milliliters	0.00	fluid ounces	fl oz
liters	2.1	pints	p
liters	1.05	quarts	qt
liters	0.26	gallons	gal
cubic meters	35	cubic feet	cu ft
cubic meters	1.3	cubic yards	cu yd
TEMPERATURE (exact)			



PREFACE

Technology Incorporated prepared this third volume of a five-volume report to document the data tabulations for the Structural Area Inspection Frequency Evaluation (SAIFE) in accordance with Article II, paragraph B of Contract DOT-FA74WA-3493. Volume III completes the requirements of Phases IV and V of the contract. The effort is sponsored by the Aircraft Safety and Noise Abatement Division, Systems Research and Development Service of the Federal Aviation Administration.

The principal Technology Incorporated personnel engaged on this program were Mr. Carter J. Dinkeloo, project engineer, who served as principal investigator; Mr. Martin S. Moran, research engineer, who developed the model for the SAIFE computer program; and Mr. Ronald I. Rockafellow, program manager.

The contract monitors for the FAA were Messrs. Herbert Spicer and Charles Troha of the Aircraft Safety and Noise Abatement Division. The technical monitor was Mr. Arnold E. Anderjaska of the Flight Standards Division.

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I. INTRODUCTION

The structural area inspection program for a commercial jet transport is initially established and subsequently modified by a subjective evaluation process that depends primarily on the operational experience of similar aircraft. The good safety record of U.S. air carriers indicates that this process has been successful. However, with the increasing size and complexity of second- and third-generation transport aircraft, there is a need to quantify the evaluation process more precisely.

Because of the extreme complexity of the evaluation process, a computer simulation of all critical aircraft service life aspects was judged the most rational means for quantifying the process more exactly. As a five-volume document, this report documents the resultant Structural Area Inspection Frequency Evaluation (SAIFE) simulation logic. SAIFE accounts for the following factors: (1) aircraft design analysis; (2) component and full-scale fatigue testing; (3) production, service, and corrosion defects; (4) probability of crack or corrosion detection; and (5) aircraft modification economics. It treats these factors in a logical sequence that realistically represents the procedure currently used to establish and modify inspection intervals. SAIFE is designed to provide a repeatable method for evaluating proposed inspection programs. However, it is not intended to supplant the Maintenance Review Board or the air carrier use of the Standard Operations Specification -Aircraft Maintenance.

As Volume III, this volume summarizes the approach to the data collection problem and presents in Appendices A and D the input data required for a SAIFE demonstration and parametric study respectively and in Appendices B and C the data tabulations from which the Volume II decision functions were derived. Appendices A, B and C are on the microfiche included with this report. Appendix B presents the results of a maintenance inspector survey, and Appendix C lists the computer-formatted data from the Mechanical Reliability Reports/Service Difficulty Reports (MRR/SDR) submitted by air carriers to the FAA from 1963 through 1973.

II. APPROACH TO THE DATA COLLECTION PROBLEM

As originally intended, the SAIFE demonstration was to represent the structure of a current wide-body jet transport aircraft with up to 4000 structural elements. This requirement, however, was modified because (1) suitable detailed structural data for a single aircraft type were not available and (2) the simulation of a hybrid aircraft would ensure concentrating on the effectiveness of SAIFE in simulating the structural operational experience of an aircraft fleet rather than on the correctness and accuracy of the input data.

Consequently, the data in References 1, 2, and 3 for the DC-10 and B-747 aircraft were used to derive the input data for a hybrid wide-body jet aircraft. For the realistic and typical performance of the SAIFE logic, the SAIFE demonstration was designed for 1369 structural elements. These elements make up the aircraft primary structure which includes the wing from front to rear spar and all of the pressurized portion of the fuselage. The secondary structure, including control surfaces and the empennage, was not included.

As indicated in Volume II, the SAIFE program input consists of two parts. The first, called aircraft data, is constant for all elements throughout the simulation. The second, called element data, is unique to each element requiring a complete set of data specific to the given element. The following sections define and describe the two parts. For the aircraft data, the values used in the demonstration are indicated in the variable descriptions. For the element data, because of the quantity, the values used in the demonstration are presented in Appendix A and the values and data format used in the parametric study are presented in Appendix D.

1. Aircraft Input Data for SAIFE Demonstration

The input parameters which pertain to the aircraft type are listed and described below in the order in which they are read in by SAIFE. The values used in the demonstration are given at the end of each description.

1.1 Model

This parameter identifies the aircraft type under consideration. The aircraft type HYBRID was used for the demonstration.

1.2 Fleet Size

This parameter is the number of aircraft in the fleet being simulated. A fleet of 500 aircraft was used for the demonstration.

1.3 Usage Life

This parameter is the service life in flight hours of the aircraft being simulated. In the demonstration, 60,000 flight hours were used.

1.4 Time of Production Start

This parameter is the time in flight hours relative to the start of the simulation when the first aircraft enters service. This parameter in conjunction with the parameter determining the fatigue test start enables the user to start the fatigue test of the element before, after, or at the same time the first aircraft enters service. A start time of 150 hours was used for the demonstration.

1.5 Production Rate

This parameter is the time in flight hours between aircraft entering service. The demonstration used a value of 50 hours.

1.6 Second Production Rate

If the user chooses to modify the production rate during the simulation, this parameter is the new time between aircraft entering service. A time of 100 hours was used in the demonstration.

1.7 Production Rate Change Time

This parameter is the simulation time when the second production rate takes effect. Note that this time is measured from the time that the first aircraft enters service and not from the start of the simulation. For the demonstration, a change time of 5000 hours was used.

1.8 Time of Fatigue Test Start

This parameter is the time in flight hours relative to the start of the simulation when the fatigue test of an element is begun. This time was set to zero for the demonstration.

1.9 Fatigue Test Acceleration Factor

This parameter is the quotient of the equivalent flight hours divided by the fatigue test hours. A factor of 100 was used in the demonstration.

1.10 Corrosion Growth Rate

This parameter is the corrosion area growth rate in square inches per hour. The growth rate for each element is modified by its associated CRR (corrosion resistance rating). The rate used in the demonstration was 0.002 square inch per hour.

1.11 C7

If a modification is developed because of a fatigue test failure, this parameter is the percentage of the test life when the inspection frequency is increased. In the demonstration, 80 percent was used.

1.12 C28

This parameter is the percentage reduction in the remaining fatigue life of an element when corrosion occurs in a stress concentration. In the demonstration, 20 percent was used.

1.13 C29

This parameter is the percentage reduction in the remaining fatigue life of an element when corrosion occurs outside a stress concentration. In the demonstration, 40 percent was used.

1.14 Life Ratio Mean

This parameter is the mean of the log-normal distribution of the ratio of the actual average fatigue life to the predicted average fatigue life. A value of 1.0 was used for the demonstration.

1.15 Life Ratio Standard Deviation

This parameter is the standard deviation of the log-normal distribution of the ratio of the actual average fatigue life to the predicted average fatigue life. A value of .354 was used for the demonstration.

1.16 A, B

These parameters are the result of fitting an exponential curve to flight load exceedance data. $A_{exp}(BS_a)$ is the number of flight loads per hour which exceed the load level S_a . $A = .284325$ and $B = -8.80901$ were used in the demonstration.

1.17 Initial Inspection Intervals

These parameters are the initial lengths in flight hours of the inspection intervals of the four levels of scheduled inspections. For the demonstration the intervals used were: A-level = 25, B-level = 200, C-level = 1000, and D-level = 12000.

1.18 Inspection Costs

These parameters are the inspection costs in dollars for each of the four levels of inspection. For the demonstration the costs used were: A-level = \$1440.00, B-level = \$7080.00, C-level = \$13563.00, and D-level = \$19691.00.

1.19 Sampling Rate

This parameter is the percentage of the fleet to be sampled during a D-level inspection. In the demonstration, 25 percent was used.

1.20 Long List Option

This parameter indicates when the user desires the long list output. The long list was not called for in the demonstration.

1.21 Internal Crack Becomes External

This parameter is the percentage of the element critical crack length at which a crack, which initiated internally, becomes external. In the demonstration, 100 percent was used.

2. Element Input Data for SAIFF Demonstration

Wherever the references did not contain all the information required for each element, the missing data was supplied by interpolating from the data for adjacent elements, by extracting data for similar types of elements, or by using engineering judgment based on the data presented in Volume II of this report and in the MRR/SDR tabulation (Appendix C).

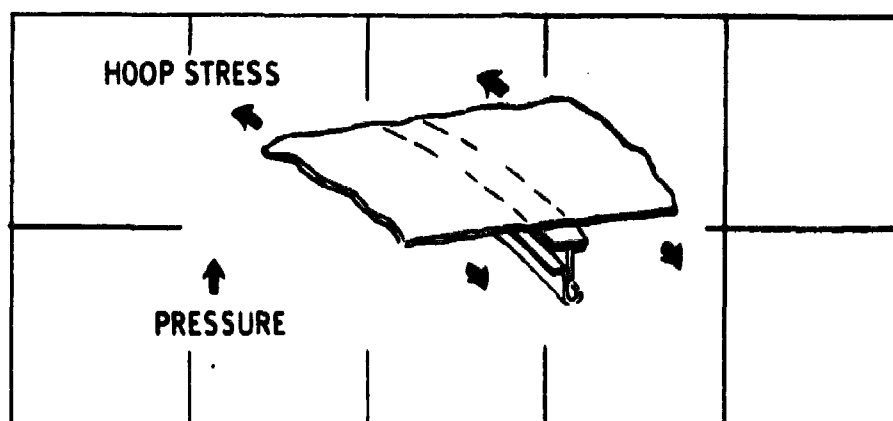
Appendix A is a complete tabulation of the element input data for the SAIFF demonstration. The following sections describe the definition and derivation of the table entries.

2.1 Element Identification

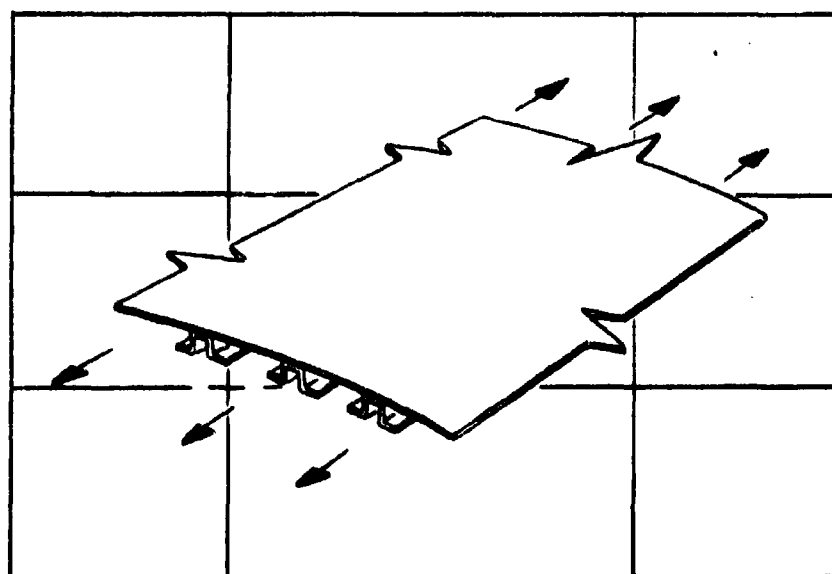
SAIFF is designed to handle as many individual elements in each aircraft as is necessary. Accordingly, the size of each wing or fuselage element was determined by naturally occurring design points such as stringer or frame spacing. The elements were defined to include all the attached skin and the attachment points to adjacent ribs or frames. Figure 1 illustrates two typical elements, a wing stringer element and a fuselage frame element.

The structural elements to be analyzed are identified by three sets of alpha characters and one set of numeric characters. The alpha characters define the basic element type and general location on the aircraft, while the numeric characters define the specific location of the element by identifying the wing or fuselage station number. For example, an element identified as FUS-STR-TOP-0680 would be a stringer located on the fuselage crown and centered at fuselage station 680.

This identification system offers a great deal of flexibility in laying out the elements on any particular aircraft. The following abbreviations are used for the element identifications in Appendix A.



Fuselage Frame Element



Wing Stringer Element

Figure 1. Typical Aircraft Elements Used in the SAIFE Simulation

ELEMENT ID.

<u>PRIMARY LOCATION</u>	-	FUS	Fuselage
		WNG	Wing
		WSC	Wing Center Section
<u>AIRCRAFT ELEMENT</u>	-	ACC	Access
		DOR	Door
		MFR	Main Frame
		SPR	Spar
		STR	Stringer
		SWB	Spanwise Beam
		WIN	Window
<u>RELATIVE LOCATION</u>	-	AFT	Aft
		CEN	Center
		FWD	Forward
		BOT	Bottom
		SID	Side
		TOP	Top
		LSA	Lower Surface Aft
		LSC	Lower Surface Center
		LSF	Lower Surface Forward
		USA	Upper Surface Aft
		USC	Upper Surface Center
		USF	Upper Surface Forward

2.2 Average Fatigue Life, Predicted

The data for this parameter were extracted from the B-747 Fatigue Integrity Program (Reference 1). If the actual average fatigue life is known, the input for this variable may be zero.

2.3 Average Fatigue Life, Actual

Since the data for this parameter is usually generated by the SAIFF logic, its input value is normally zero. However, if sufficient fatigue test or historical information is available, such information may take precedence over the program-derived data and, therefore, be used as the input for this parameter.

2.4 Crack Growth Rate

The data for this parameter were extracted from the DC-10 Structural Inspection Program (Reference 3) and the DC-8 Inspection and Maintenance Program (Reference 4). Although the crack growth rates in these sources are generally nonlinear, they were approximated by two linear rates: a "slow" rate for the initial portion of the crack growth curve and a "fast" rate for the rest of the curve.

2.5 Crack Length, Critical

The critical crack length is defined as that length where the crack growth rate changes from "slow" to "fast." This length was derived from the same data used to determine the crack growth rates (Section 2.4).

2.6 Crack Length, Safe

The fail-safe crack length is defined as that length where the primary structure can carry only 80 percent of the design load.

2.7 Crack Length, Failure

The failure crack length is defined as that length where the primary structure can no longer carry 1.0g (level flight) loads. Failures that occur in wing elements are catastrophic while those that occur in fuselage elements cause decompression and may or may not be catastrophic.

2.8 Probability of Production Defect

The data for this parameter were derived from an analysis of the MRR/SDR data. This parameter is presented as production defect occurrences per aircraft and is further detailed in Section II, 3.1 of Volume II of this report.

2.9 Service Damage Rate

The data for this parameter were derived from an analysis of the MRR/SDR data and the results of the survey of maintenance inspectors. This parameter is presented as service damage occurrences per flight hour and is further detailed in Section II, 3.3 of Volume II of this report.

2.10 Modification Lead Time

This parameter, the time between the decision to develop a modification and the availability of the modification for installation, includes the time required for design, procuring materials, and fabrication. The computer program requires that calendar days be converted to equivalent flight hours. The conversion is based on an average yearly aircraft utilization of 3000 flight hours. Therefore,

$$\text{calendar days} * 8.2 = \text{simulation flight hours}$$

2.11 Test Modification

This is a decision variable that indicates whether or not a modification will be fatigue tested before its installation. The decision depends on the problem being simulated and is expressed in code as follows for the computer input: 1 to represent that the modification will be fatigue tested and 2 to represent that the modification will not be fatigue tested.

2.12 Inspection Interval

The SAIFFE logic automatically decreases inspection intervals according to the results of fatigue tests (TEST DECR) and automatically increases or decreases inspection intervals according to service experience (SERV DECR, SERV INCR). The percentage of increase or decrease is a subjective decision that depends on the criticality of the element being considered.

2.13 Probability of Internal Crack (CRK) or Corrosion (CORR)

These parameters determine the probability that a defect is confined to internal structure and, therefore, can only be detected during an internal inspection. The data for these parameters were derived from an analysis of the MRR/SDR data. These parameters are detailed in Section II, 5.4 of Volume II of this report.

2.14 Inspection Level, Internal and External

The inspection frequency for an element depends on the lowest inspection level assigned to the element. The internal and external parts of an element have different inspection levels assigned to them. It is assumed that when an element is inspected at the lowest level, it will be inspected at all higher levels. The levels used in SAIFFE are those that the Airlines Transport Association commonly refers to as A, Preflight; B, Service; C, Phase; and D, Overhaul.

2.15 Repair Cost at Each Inspection Level: A, B, C, and D

These costs are the average costs (all costs in the data tabulations are expressed in terms of dollars) of repairs to elements with defects detected at each inspection level. These costs were derived from the data gathered by National Airlines (Reference 5). This parameter is detailed in Section II, 8.3 of Volume II of this report.

2.16 Tooling Cost, First Modification (FIRST MOD.)

This cost is the average cost of the tooling to produce parts or assemblies for the first modification of an element. This cost is an estimate.

2.17 Tooling Cost, Additional Modification (ADD. MOD.)

This cost is the average cost of the tooling to produce parts or assemblies for the modification of a previously modified element. This cost is an estimate.

2.18 Installation Cost, First Modification (FIRST MOD.)

This cost is the average cost of installing the first modification to an element on each aircraft. It includes the cost of materials or parts, the cost of labor, and the pro-rated cost of the fixtures and/or special tools required for installation. This cost is an estimate.

2.19 Installation Cost, Additional Modification (ADD. MOD.)

This cost is the average cost of installing a modification to a previously modified element. It includes the cost of materials or parts, the cost of labor, and the pro-rated cost of fixtures and/or special tools required for installation. This cost is an estimate.

2.20 Special Inspection Repair Cost

This cost is the average cost of repairs to elements with defects detected during a special inspection. This cost is an estimate based on the data gathered by National Airlines.

2.21 Corrosion Resistance Rating (COR RES RT.)

The corrosion resistance rating of each element depends on the materials, design details, and location of the particular element.

2.22 Probability of Corrosion Occurring in a Stress Concentration (PROB CORR STRS CON)

The effect of corrosion on the fatigue life of an element depends on whether or not the corrosion occurs in a stress concentration, such as a fastener hole or bend radius. The data for this parameter were derived from the MRR/SDR data. This parameter is detailed in Section II, 3.5 of Volume II of this report.

2.23 Corrosion Occurrence Rate, First and Second

The corrosion occurrence rates for each element were derived from the MRR/SDR data. These rates proved to be nonlinear, that is, low at the start but increasing with flight time. The nonlinear curve for the derived data was approximated by two straight lines, one for a slow initial rate and the other for a faster second rate. The occurrence rates are detailed in Section II, 3.4 of Volume II of this report.

2.24 Corrosion Rate Change Time

This parameter is the time that the corrosion occurrence rate changes from the slow to the fast rate, as discussed in the preceding section.

3. Survey of Maintenance Inspectors

To survey maintenance inspectors about the size of defects that could be detected at each inspection level, a comprehensive questionnaire was formulated and copies were mailed to the responsible personnel of ten air carriers, the FAA, and the U. S. Coast Guard. Except for two air carriers, all parties responded such that 62 complete or partially complete questionnaires were returned.

Although the questions were designed to obtain completely objective information, in many instances, an inspector's estimate of his defect detection ability seemed too optimistic in view of the evidence on detected crack lengths in the MRR/SDR reports.

Two questions, What is the smallest defect that will always be detected? and What is the smallest defect that it is possible to detect?, were intended to determine an upper and a lower bound on the probability of detection versus defect size for each type of inspection. However, the varied responses to the two questions indicated that some inspectors understood the intent of the questions, but others did not.

Since the validity of the answers was uncertain, the questionnaire data was not used to generate quantitative probabilities of detection. However, the shape (log-normal) of the distribution of the responses for the minimum detectable defect size was judged to be representative of the actual population and, therefore, the log-normal mean was used as the minimum detectable length in the probability of detection equations.

The answers to questions #9 and #14 indicate that of all inspector-detected cracks, 30.2 percent were judged to have been initiated by nicks, gouges, dents, or other service-related damage.

In a format with each question enumerated and followed by a summary of the responses, Appendix B lists the results of this survey. These results were used to define the decision functions presented in Section II, 3.3 and 5.6, of Volume II of this report.

4. Mechanical Reliability Report/Service Difficulty Report (MRR/SDR)

All MRR/SDR's pertaining to primary structure and submitted to the FAA from 1963 through 1973 were processed into a computer-compatible format. This format was developed on the basis of work originally performed by Flanagan (Reference 6). After the processed data was supplemented by related data extracted from Service Bulletins, Airworthiness Directives, Structural Repair Manuals, and Illustrated Parts catalogs, the resulting data was sorted by aircraft type, defect type, and MRR/SDR control number. The complete tabulation is presented in Appendix C.

The MRR/SDR data represents the largest amount of available data on structural deficiencies detected in transport aircraft. Although the sample size alone of this data offers the potential for its statistical validity, there are two questions concerning such validity: Are all pertinent defects reported? and Is significant data lost because of incomplete reports or narrative type of entries?

The variation in the number of MRR's prepared for each aircraft type and submitted by each air carrier implies the possibility that the various air carriers use different criteria in deciding when an MRR should be submitted. This possibility, however, was ignored, and the MRR data was assumed to be representative because of its large sample size.

Although many items in the MRR/SDR's were not documented, as indicated by the UNK (unknown) entries in the Appendix C tables, the filled-in entries were assumed to be representative of all reports, again because of the large sample size.

During the 11-year period (1963 through 1973) covering the data sample, the jet transport fleet varied as hundreds of new aircraft were added and scores of others were retired or sold outside the United States. Nevertheless, to derive crack and corrosion defect occurrence rates, the data sample was assumed to represent 1406 aircraft and 45,791,114 flight hours on the basis of the data in the annual volumes of the FAA Statistical Handbook.

The Appendix C data was used to define many of the functions presented in Section II, 3, 4, 5, and 7, of Volume II of this report.

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4. DC-8 INSPECTION AND MAINTENANCE PROGRAM, VOLUME ONE, Air Transport Association of America (ATA), New York Avenue, N.W., Washington, D.C., October 1957.
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APPENDIX A

ELEMENT INPUT DATA FOR A
SAIFE DEMONSTRATION PROBLEM

PRECEDING PAGE BLANK - NOT A

ELEMENT IDENTIFICATION ABBREVIATIONS

<u>PRIMARY LOCATION</u>	-	FUS	Fuselage
		WNG	Wing
		WSC	Wing Center Section
<u>AIRCRAFT ELEMENT</u>	-	ACC	Access
		DOR	Door
		MFR	Main Frame
		SPR	Spar
		STR	Stringer
		SWB	Spanwise Beam
		WIN	Window
<u>RELATIVE LOCATION</u>	-	AFT	Aft
		CEN	Center
		FWD	Forward
		BOT	Bottom
		SID	Side
		TOP	Top
		LSA	Lower Surface Aft
		LSC	Lower Surface Center
		LSF	Lower Surface Forward
		USA	Upper Surface Aft
		USC	Upper Surface Center
		USF	Upper Surface Forward

COLUMN HEADER DEFINITIONS

<u>AVERAGE FATIGUE LIFE</u>	-	Either Predicted (PRED.) or Actual is input with the other being left as zero
<u>CRACK GROWTH RATE</u>	-	Slow Rate from Initiation to Critical (CRIT.) Length Fast Rate from Critical Length to Failure (FAIL.)
<u>MOD LEAD TIME</u>	-	Lead Time required for Mod Installation. Input as Flight Hours Equivalent to days: Day * 8.2 = Flt. Hr.
<u>TEST MOD</u>	-	1 = Mod is Fatigue Tested 2 = Mod is not Tested
<u>INSPECTION INTERVAL</u>	-	Factor by which Inspection Intervals are Automatically Increased (INCR.) or Decreased (DECR.)

PROBABILITY OF INTERNAL

- Probability that a Crack (CRK.) or Corrosion (CORR.) is Internal

INSPC LEVEL

- Lowest Inspection Interval that includes the Internal (INT) Surface of an Element and the Lowest Inspection Interval that includes the External (EXT) Surface

COST

- All Costs are in Dollars

PROB CORR STRS CON

- Probability of Corrosion Occurring in a Stress Concentration

SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HRS)		CRACK GROWTH RATE (INCHES/HOUR)			CRACK LENGTH (INCHES)			PROB. DEFECT (OCC/AVC)	SERVICE DAMAGE RATE (OCC/HR)	MOD. LEAD TIME (HR)	TEST MOD. DEC. INCR			INSPECTION INTERVAL
	PRED	ACTUAL	SLOW	FAST		CRIV	SAFE	FAIL				TEST MOD.	DEC	INCR	
FUS-00R-FRM-0464	180000	0	2.504E-04	2.504E-04	1.5	6.0	120.0	1.190E-05	4.894E-08	1476	MO	.800		.250	
FUS-00R-FRM-0830	180000	0	3.504E-05	4.613E-04	3.6	12.6	240.0	1.190E-05	4.894E-08	1476	MO	.800		.250	
FUS-00R-FRM-1295	180000	0	3.504E-05	4.613E-04	3.6	12.6	240.0	1.190E-05	4.894E-08	1476	MO	.800		.250	
FUS-00R-FRM-1694	180000	0	1.134E-04	1.000E-03	2.5	12.6	240.0	1.190E-05	4.894E-08	1476	MO	.800		.250	
FUS-00R-FRM-2260	180000	0	1.134E-04	1.000E-03	2.5	12.6	240.0	1.190E-05	4.894E-08	1476	MO	.800		.250	
FUS-01R-FRM-0158	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0170	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0190	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0210	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0230	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0240	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0310	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0330	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0350	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0370	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0390	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0410	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0510	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0530	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0550	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0570	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0590	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0610	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0630	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0650	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0670	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0690	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0710	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0730	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0750	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0770	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0870	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0890	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0910	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0930	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0950	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0970	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-0990	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-1010	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-1030	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-1050	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-1070	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-1090	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-1110	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-1130	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-1150	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-1170	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	
FUS-01R-FRM-1210	180000	0	6.528E-05	1.632E-04	1.3	5.0	100.0	1.190E-05	1.110E-08	1476	MO	.800		.250	

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ELEMENT IDENT	PROBABILITY OF INTERNAL INSPECT		REPAIR COST AT EACH INSP LEVEL				TOOLING COST		COST OF INSTALLATION		SPEC INSP REPR COST	CUM REB STBS RT.	PROG CONW STBS RT.	COMMO CON		CORN RATE CHNG TIME		
	CHK	CORR	INT	EXT	A	B	C	D	FIRST MOD.	ADD. MOD.				FIRST MOD.	ADD. MOD.		OCCURRENCE RATE	
																	INITIAL	SECOND
FUS-010-FM-1230	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1361	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1303	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1005	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1027	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1000	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1070	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1090	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1510	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1510	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1550	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1570	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1500	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1610	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1630	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1730	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1750	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1770	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1790	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1810	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1830	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1850	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1870	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1890	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1910	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1930	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1950	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1970	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-1990	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2010	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2030	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2050	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2070	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2090	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2110	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2130	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2150	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2170	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2190	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2210	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2230	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2250	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2270	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2290	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2310	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2330	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2350	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2370	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2390	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2410	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2430	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2450	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2470	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2490	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2510	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2530	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2550	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2570	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2590	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2610	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2630	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2650	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2670	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2690	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2710	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2730	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2750	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2770	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2790	.000	0.	D	0	33.	70.	100.	200.	10000	10000	11500	11500	416	4	.305	4.022E-09	4.022E-09	5000
FUS-010-FM-2810																		

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SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HR.)		CRACK GROWTH RATE (INCHES/ROUND)		CRACK LENGTH (TIMES)			PROB. PRODUCTION DEFECT (OCC/4/C)	SERVICE DAMAGE RATE (OCC/HR)	MOD. LEAD TIME (HR)	TEST MOD.	INSPECTION INTERVAL		
	PRED	ACTUAL	SLIP	FAST	CRIT	SAFE	FAIL					TEST DECR	DECR INCR	SERV INTER
FUS-WFR-BUT-1180	200000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1200	209799	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1220	210900	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1240	210900	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1260	208680	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1280	204240	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1300	202020	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1320	199800	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1340	197580	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1360	195360	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1380	204240	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1400	210900	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1420	222000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1440	220800	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1460	235320	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1480	244200	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1500	235320	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1520	219760	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1540	213120	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1560	204240	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1600	197580	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1620	184200	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1640	177600	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1660	170880	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1700	166500	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1720	159840	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1740	157620	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1760	175360	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1800	193440	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1820	210900	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1840	220800	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1860	240480	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1880	237600	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1900	306360	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1920	325220	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1940	366300	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1960	399600	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-1980	444000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-2000	444000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-2020	444000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-2040	444000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-2060	444000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250
FUS-WFR-BUT-2080	444000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	8.160E-09	1876	NO	.000	.050	.250

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SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HRS.)	CRACK GROWTH RATE (INCHES/FLIGHT HRS.)		CRACK LENGTH (INCHES)			PHOR. PRODUCTION DEFECT (UCC/AF/C)	SERVICE DAMAGE RATE (UCC/HRS)	MOD. LEAD TIME (HRS)	INSPECTION INTERVAL	
		PRED	ACTUAL	SLOW	FAST	CRIT	SAFE	FAIL		TEST DECN	SERV INCR
FUS-WFR-BOT-2100	444000	0	0	5.095E-05	1.114E-02	5.0	40.0	72.0	1476	.000	.250
FUS-WFR-BOT-2120	444000	0	0	5.095E-05	1.114E-02	5.0	40.0	72.0	1476	.000	.250
FUS-WFR-BOT-2140	444000	0	0	5.095E-05	1.114E-02	5.0	40.0	72.0	1476	.000	.250
FUS-WFR-BOT-2160	444000	0	0	5.095E-05	1.114E-02	5.0	40.0	72.0	1476	.000	.250
FUS-WFR-BOT-2180	444000	0	0	5.095E-05	1.114E-02	5.0	40.0	72.0	1476	.000	.250
FUS-WFR-BOT-2200	532800	0	0	5.095E-05	1.114E-02	5.0	40.0	72.0	1476	.000	.250
FUS-WFR-BOT-2220	634560	0	0	5.095E-05	1.114E-02	5.0	40.0	72.0	1476	.000	.250
FUS-WFR-BOT-2240	736320	0	0	5.095E-05	1.114E-02	5.0	40.0	72.0	1476	.000	.250
FUS-WFR-BOT-2260	838080	0	0	5.095E-05	1.114E-02	5.0	40.0	72.0	1476	.000	.250
FUS-WFR-BOT-2280	939840	0	0	5.095E-05	1.114E-02	5.0	40.0	72.0	1476	.000	.250
FUS-WFR-BOT-2300	999999	0	0	5.095E-05	1.114E-02	5.0	40.0	72.0	1476	.000	.250
FUS-WFR-BOT-2320	999999	0	0	5.095E-05	1.114E-02	5.0	40.0	72.0	1476	.000	.250
FUS-WFR-BOT-2340	999999	0	0	5.095E-05	1.114E-02	5.0	40.0	72.0	1476	.000	.250
FUS-WFR-BOT-2360	999999	0	0	5.095E-05	1.114E-02	5.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0140	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0160	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0180	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0200	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0220	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0240	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0260	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0280	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0300	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0320	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0340	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0360	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0380	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0400	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0420	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0440	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0460	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0480	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0500	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0520	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0540	666000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0560	719400	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0580	733700	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0600	777000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0620	799200	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0640	832500	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0660	854700	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0680	888000	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0700	921300	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0720	965700	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0740	999900	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250
FUS-WFR-SID-0760	999900	0	0	1.454E-03	1.454E-03	10.0	40.0	72.0	1476	.000	.250

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SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HR.)		CRACK GROWTH RATE (INCHES/HR.)		CRACK LENGTH (INCHES)			PROG. DEFECT (OCC/IN/IN)	SERVICE DAMAGE RATE (OCC/HR)	MND. LEAD TIME (HR)	INSPECTION INTERVAL	
	PRED	ACTUAL	SLOW	FAST	CRIT	SAFE	FAIL				TEST DECR	REVIEW INCR
FUS-WFR-TOP-0300	666000	0	5.695E-05	1.114E-02	5.6	43.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0400	666000	0	5.695E-05	1.114E-02	5.6	48.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0420	666000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0440	666000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0460	666000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0480	666000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0500	666000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0520	666000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0540	666000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0560	710000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0580	743700	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0600	777000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0620	799200	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0640	832500	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0660	857700	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0680	884900	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0700	921300	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0720	965700	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0740	999000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0760	1030000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0780	1061000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0800	1093000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0820	1125000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0840	1157000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0860	1177000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0880	1197000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0900	1216000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0920	1235000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0940	1254000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0960	1273000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-0980	1292000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1000	1311000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1020	1330000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1040	1349000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1060	1368000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1080	1387000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1100	1406000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1120	1425000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1140	1444000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1160	1463000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1180	1482000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1200	1501000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1220	1520000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1240	1539000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1260	1558000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1280	1577000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050
FUS-WFR-TOP-1300	1596000	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	0.160E-09	1876	000	050

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SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HR.)	CRACK GROWTH RATE (INCHES/DOOR)			CRACK LENGTH (INCHES)			PRODUCED DEFECT (OCC/IN/IN)	SERVICE DAMAGE RATE (OCC/DOOR)	MOO. LEAD TIME (HR)	INSPECTION INTERVAL		
		PRED	ACTUAL	SLOPE	FAST	CRV	SAFE				TEST DEC	SEV DEC	SEV INCR
FUS-WFR-TOP-1300	20220	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1320	199800	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1340	197500	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1360	199800	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1380	204240	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1400	210900	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1420	222000	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1440	228600	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1460	235320	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1480	240200	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1500	235320	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1520	226800	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1540	219700	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1560	213120	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1580	204200	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1600	197500	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1620	190920	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1640	184200	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1660	177500	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1680	170800	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1700	164500	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1720	159900	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1740	157620	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1760	175300	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1780	193100	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1800	210900	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1820	220600	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1840	240600	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1860	273000	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1880	306360	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1900	335220	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1920	363300	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1940	399600	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1960	440000	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-1980	480000	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-2000	520000	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-2020	560000	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-2040	600000	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-2060	640000	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-2080	680000	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-2100	720000	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-2120	760000	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-2140	800000	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-2160	840000	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-2180	880000	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250
FUS-WFR-TOP-2200	920000	0	0	5.695E-05	1.114E-02	5.6	40.0	72.0	6.720E-05	1876	.000	.650	.250

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SAIFE PROGRAM INPUT DATA

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ELEMENT IDENT	PROBABILITY OF INTERNAL CRK CORR	INSPECT LEVEL	REPAIR COST AT EACH INSP LEVEL				TOOLING COST		COST OF INSTALLATION FIRST ADO. MOD.	SPEC INSP REQD COST	COR RTS BY EST.	MOD CORR STCS COST	COMPOSITION		CORN WATE CHRG TIME
			A B C D				FIRST ADO. MOD.	SECOND							
			INT	EXT	A	B							C	D	
FUS-WFR-TOP-2220	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2240	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2260	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2280	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2300	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2320	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2340	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2360	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2380	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2400	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2420	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2440	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2460	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2480	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2500	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2520	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2540	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2560	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2580	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2600	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2620	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2640	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2660	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2680	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2700	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2720	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2740	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2760	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2780	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2800	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2820	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2840	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2860	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2880	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2900	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2920	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2940	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2960	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-2980	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	
FUS-WFR-TOP-3000	.661	.999	D	C	33	70	144	200	10000	10000	.130	5.204E-09	5.204E-09	12000	

SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HR.)		CRACK GROWTH RATE (INCHES/1000 CYCLES)		CRACK LENGTH (INCHES)				PRIME DEFECT (OCC/HR)	SERVICE DAMAGE RATE (OCC/HR)	MOD. LEAD TIME (HR)	TEST		INSPECTION INTERVAL	
	PRED	ACTUAL	SLDM	FAST	CRIT	SAFE	FAIL	TEST MOD.				TEST DECR	SERV DECR	SERV INCR	
FUS-STR-BUT-0900	144100	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-0920	121900	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-0940	204160	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-0960	222900	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-0980	195360	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1000	197500	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1020	199500	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1040	202020	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1060	203130	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1100	204240	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1120	205350	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1140	206350	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1160	206460	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1180	206900	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1200	209790	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1220	210900	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1240	210900	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1260	206600	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1280	204240	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1300	202020	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1320	199800	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1340	197500	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1360	199400	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1380	204240	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1400	210900	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1420	222000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1440	226600	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1460	235320	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1480	204200	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1500	235320	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1520	226400	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1540	219700	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1560	213120	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1580	204200	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1600	197500	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1620	199920	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1640	184260	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1660	177600	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1680	179900	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1700	166500	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1720	159000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1740	157420	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1760	175300	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1780	175340	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	
FUS-STR-BUT-1800	210900	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.000	.050	.250	

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ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HR.)		CRACK GROWTH RATE (INCHES/PM)			CRACK LENGTH (INCHES)			PROM. DEFECT (UCL/A/C)	SERVICE DAMAGE RATE (DEC/HR)	MOD. LEAD TIME (HR)	TEST MOD.	TEST DEC.	SERV DEC.	SLV INCR	INSPECTION INTERVAL	
	PRED	ACTUAL	SLOW	FAST	CRIT	SAFE	FAIL	TEST DEC.								SERV DEC.	
FUS-STR-801-1820	226000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-1860	240000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-1860	273600	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-1980	306360	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-1980	332220	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-1920	366300	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-1940	399600	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-1960	444000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-1980	444000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2000	444000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2020	444000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2040	444000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2060	444000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2080	444000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2100	444000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2120	444000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2140	444000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2160	444000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2180	444000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2200	532800	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2220	639360	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2240	750000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2260	899100	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2280	999900	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2300	999900	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2320	999900	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2340	999900	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-801-2360	999900	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0180	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0160	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0180	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0280	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0280	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0220	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0240	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0260	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0280	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0300	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0320	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0340	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0360	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0380	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0400	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0420	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0440	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0460	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0480	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			
FUS-STR-810-0500	666000	0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	008	050	250			

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SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HR.)	CRACK GROWTH RATE (IN/MS/NUM)			CRACK LENGTH (IN/MS)			PROG. PROGRESSION DEFECT (CC/AVC)	SERVICE DAMAGE RATE (CC/MS)	MOD. LEAD TIME (HR)	TEST MOD.	INSPECTION INTERVAL	
		SLD	FAST	CRIT	SAFE	FAIL						TEST DECR	SERV INCR
FUS-STN-S10-0500	666000	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0520	666000	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0540	666000	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0560	718400	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0580	743700	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0600	777000	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0620	799200	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0640	832500	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0660	854700	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0680	888000	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0700	921300	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0720	965700	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0740	999000	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0760	1044600	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0780	1091000	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0800	1093000	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0820	1105000	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0840	1132800	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0860	1177300	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0880	1187600	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0900	1241900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0920	1291900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0940	1341900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0960	1391900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-0980	1441900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1000	1491900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1020	1541900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1040	1591900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1060	1641900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1080	1691900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1100	1741900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1120	1791900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1140	1841900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1160	1891900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1180	1941900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1200	1991900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1220	2041900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1240	2091900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1260	2141900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1280	2191900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1300	2241900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1320	2291900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1340	2341900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1360	2391900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1380	2441900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050
FUS-STN-S10-1400	2491900	0	7.540E-05	4.573E-03	2.6	12.0	240.0	9.400E-05	5.440E-09	1876	YES	.000	.050

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SAIFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HRS.)		CRACK GROWTH RATE (INCHES/LOAD)		CRACK LENGTH (INCHES)			PROG. PRODUCTION DEFECT (OCC/AC)	SERVICE DAMAGE RATE (OCC/HR)	MOD. LEAD TIME (HR)	INSPECTION INTERVAL	
	PRED	ACTUAL	SLOW	FAST	CRIT	SAFE	FAIL				TEST DEC	SEV INCR
FUS-STR-S10-2340	999999		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-S10-2360	999999		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0160	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0180	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0200	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0220	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0240	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0260	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0280	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0300	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0320	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0340	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0360	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0380	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0400	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0420	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0440	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0460	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0480	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0500	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0520	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0540	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0560	710000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0580	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0600	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0620	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0640	666000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0660	743700		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0680	777000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0700	799200		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0720	812500		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0740	852700		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0760	866000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0780	921300		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0800	965700		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0820	999000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0840	999000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0860	773300		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0880	699300		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0900	619500		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0920	532000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0940	477300		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0960	410700		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-0980	363300		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-1000	321900		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-1020	280100		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-1040	246600		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-1060	222000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250
FUS-STR-TOP-1080	195300		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	1476	YES	.250

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SAFE PROGRAM INPUT DATA

ELEMENT ID	AVERAGE FATIGUE LIFE (FLIGHT HR.)		CRACK GROWTH RATE (INCHES/HOUR)			CRACK LENGTH (INCHES)			PROR. PRODUCTION DEFECT (OCC/AY)	SERVICE DAMAGE RATE (OCC/HR)	MOD. LEAD TIME (HR)	INSPECTION INTERVAL		
	PAID	ACTUAL	SLOW	FAST	CRIT	SAFE	FAIL	TEST				DECN	SERV INCR	SERV INCR
FUS-STR-TOP-1020	197500		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1040	199000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1060	202020		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1080	203130		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1100	209240		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1120	205350		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1140	205350		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1160	206460		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1180	206460		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1200	209790		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1220	210900		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1240	210900		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1260	209040		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1280	204240		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1300	202020		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1320	199000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1340	197500		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1360	199000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1380	204240		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1400	210900		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1420	222000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1440	220440		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1460	235320		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1480	244200		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1500	235320		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1520	226440		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1540	219760		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1560	213120		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1580	204240		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1600	197500		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1620	190920		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1640	184260		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1660	177600		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1680	170940		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1700	166500		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1720	159840		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1740	157620		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1760	175380		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1780	210900		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1800	220440		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1820	244440		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1840	273600		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1860	306360		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1880	335220		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	
FUS-STR-TOP-1900	366360		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.400E-05	5.440E-09	1476	YES	.050	

ELEMENT IDENT	PROBABILITY OF INTERNAL		INSPECT LEVEL		REPAIR COST AT EACH INSP LEVEL				FOOLING COST		COST OF INSTALLATION		SPEC INSP REQD COST	CONC STRS CONC	COMPOSITION OCCURRENCE RATE		CONC RATE CONC TYPE	
	CRK	CORR	INT	EXT	A	B	C	D	FIRST MOD.	ADD. MOD.	FIRST MOD.	ADD. MOD.			INITIAL	SECOND		
FUS-STR-TOP-1020	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1040	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1060	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1080	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1100	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1120	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1140	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1160	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1180	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1200	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1220	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1240	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1260	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1280	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1300	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1320	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1340	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1360	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1380	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1400	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1420	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1440	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1460	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1480	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1500	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1520	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1540	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1560	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1580	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1600	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1620	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1640	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1660	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1680	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1700	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1720	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1740	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1760	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1780	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1800	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1820	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1840	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1860	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1880	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-1900	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500
FUS-STR-TOP-192	.675	.204	D	C	33.	70.	144.	200.	10000	10000	11504	11504	416	4	.136	1.003E-00	1.793E-00	0500

SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HR.)		CRACK GROWTH RATE (INCHES/ROOT)		CRACK LENGTH (INCHES)			PROB. PRODUCTION DEFECT (OCC/AC)	SERVICE DAMAGE RATE (OCC/HR)	MOD. LEAD TIME (HR)	TEST MOD.		INSPECTION INTERVAL	
	PRED	ACTUAL	SLOW	FAST	CRIT	SAFE	FAIL				TEST	MOD.	TEST	SEV INCR
FUS-STN-TOP-1940	399600		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-1960	444000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-1980	444000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2000	444000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2020	444000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2040	444000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2060	444000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2080	444000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2100	444000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2120	444000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2140	444000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2160	444000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2180	444000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2200	532600		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2220	639360		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2240	756000		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2260	899100		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2280	999999		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2300	999999		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2320	999999		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2340	999999		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
FUS-STN-TOP-2360	999999		0	7.540E-05	4.573E-03	2.0	12.0	240.0	9.480E-05	5.440E-09	1476	YES	0.00	0.50
WAG-ACC-FRM-0015	240120		0	7.120E-05	7.120E-05	2.1	4.0	442.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0045	240120		0	7.120E-05	7.120E-05	2.1	4.0	442.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0075	240120		0	7.120E-05	7.120E-05	2.1	4.0	442.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0105	240120		0	7.120E-05	7.120E-05	2.1	4.0	442.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0135	240120		0	7.120E-05	7.120E-05	2.1	4.0	442.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0165	231040		0	7.120E-05	7.120E-05	2.1	4.0	420.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0195	215280		0	7.120E-05	7.120E-05	2.1	4.0	420.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0225	204240		0	7.120E-05	7.120E-05	2.1	4.0	420.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0255	184920		0	7.120E-05	7.120E-05	2.1	4.0	420.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0285	173860		0	7.120E-05	7.120E-05	2.1	4.0	420.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0315	171120		0	7.120E-05	7.120E-05	2.1	4.0	420.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0345	160360		0	7.120E-05	7.120E-05	2.1	4.0	414.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0375	165600		0	7.120E-05	7.120E-05	2.1	4.0	375.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0405	162040		0	7.120E-05	7.120E-05	2.1	4.0	359.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0435	160040		0	7.120E-05	7.120E-05	2.1	4.0	348.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0465	157320		0	7.120E-05	7.120E-05	2.1	4.0	342.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0495	162040		0	7.120E-05	7.120E-05	2.1	4.0	335.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0525	165600		0	7.120E-05	7.120E-05	2.1	4.0	326.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0555	174640		0	7.120E-05	7.120E-05	2.1	4.0	318.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0585	174640		0	7.120E-05	7.120E-05	2.1	4.0	313.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0615	199640		0	7.120E-05	7.120E-05	2.1	4.0	307.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0645	193200		0	7.120E-05	7.120E-05	2.1	4.0	300.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0675	212520		0	7.120E-05	7.120E-05	2.1	4.0	293.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50
WAG-ACC-FRM-0705	210040		0	7.120E-05	7.120E-05	2.1	4.0	287.0	1.190E-05	2.100E-09	1476	NO	0.00	0.50

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SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HRS.)		CRACK GROWTH RATE (INCHES/HOUR)			CRACK LENGTH (INCHES)			PROG. PRODUCTION DEFECT (OCC/24/3C)	SERVICE DAMAGE RATE (OCC/HRS)	MIN. LEAD TIME (HRS)	TEST MOD.	TEST DECR	SERV INCR
	PRED	ACTUAL	SLOW	FAST	CRIT	SAFE	FAIL							
MEC-SPP-AFT-0755	236000		0	7.120E-05	7.120E-05	2.1	4.0	200.0	1.190E-05	2.100E-05	1876	NO	.000	.250
MEC-SPP-AFT-0765	245000		0	7.120E-05	7.120E-05	2.1	4.0	272.0	1.190E-05	2.100E-05	1876	NO	.000	.250
MEC-SPP-AFT-0790	460200		0	6.000E-05	1.000E-03	1.4	15.0	442.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-0810	455000		0	6.000E-05	1.000E-03	1.4	15.0	429.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-0830	441600		0	6.000E-05	1.000E-03	1.4	15.0	410.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-0838	427000		0	6.000E-05	1.000E-03	1.4	15.0	405.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-0855	414000		0	6.000E-05	1.000E-03	1.4	15.0	393.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-0868	400200		0	6.000E-05	1.000E-03	1.4	15.0	361.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-0880	386000		0	6.000E-05	1.000E-03	1.4	15.0	370.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-0911	372600		0	6.000E-05	1.000E-03	1.4	15.0	365.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-0926	358000		0	6.000E-05	1.000E-03	1.4	15.0	354.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-0941	345000		0	6.000E-05	1.000E-03	1.4	15.0	349.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-0951	331200		0	6.000E-05	1.000E-03	1.4	15.0	340.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-0956	317400		0	6.000E-05	1.000E-03	1.4	15.0	340.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-0970	303600		0	6.000E-05	1.000E-03	1.4	15.0	342.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-0985	289800		0	6.000E-05	1.000E-03	1.4	15.0	330.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-0999	276000		0	6.000E-05	1.000E-03	1.4	15.0	330.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1014	262200		0	6.000E-05	1.000E-03	1.4	15.0	335.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1028	248400		0	6.000E-05	1.000E-03	1.4	15.0	331.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1043	234600		0	6.000E-05	1.000E-03	1.4	15.0	326.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1057	220800		0	6.000E-05	1.000E-03	1.4	15.0	323.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1072	207000		0	6.000E-05	1.000E-03	1.4	15.0	310.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1087	193200		0	6.000E-05	1.000E-03	1.4	15.0	314.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1101	179400		0	6.000E-05	1.000E-03	1.4	15.0	310.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1116	165600		0	6.000E-05	1.000E-03	1.4	15.0	307.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1130	151800		0	6.000E-05	1.000E-03	1.4	15.0	303.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1145	138000		0	6.000E-05	1.000E-03	1.4	15.0	300.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1160	124200		0	6.000E-05	1.000E-03	1.4	15.0	297.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1174	110400		0	6.000E-05	1.000E-03	1.4	15.0	295.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1189	96600		0	6.000E-05	1.000E-03	1.4	15.0	291.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1203	82800		0	6.000E-05	1.000E-03	1.4	15.0	286.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1218	69000		0	6.000E-05	1.000E-03	1.4	15.0	286.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1232	55200		0	6.000E-05	1.000E-03	1.4	15.0	283.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1247	41400		0	6.000E-05	1.000E-03	1.4	15.0	279.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1261	27600		0	6.000E-05	1.000E-03	1.4	15.0	276.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1276	13800		0	6.000E-05	1.000E-03	1.4	15.0	272.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1290	52000		0	6.000E-05	1.000E-03	1.4	15.0	269.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1305	38200		0	6.000E-05	1.000E-03	1.4	15.0	265.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1319	24400		0	6.000E-05	1.000E-03	1.4	15.0	265.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1334	10600		0	6.000E-05	1.000E-03	1.4	15.0	262.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1348	6200		0	6.000E-05	1.000E-03	1.4	15.0	259.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1363	1800		0	6.000E-05	1.000E-03	1.4	15.0	257.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1377	800		0	6.000E-05	1.000E-03	1.4	15.0	254.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1392	3200		0	6.000E-05	1.000E-03	1.4	15.0	250.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1406	92000		0	6.000E-05	1.000E-03	1.4	15.0	248.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1421	99999		0	6.000E-05	1.000E-03	1.4	15.0	248.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1435	99999		0	6.000E-05	1.000E-03	1.4	15.0	245.0	2.130E-05	6.900E-10	1876	YES	.000	.250
MEC-SPP-AFT-1449	99999		0	6.000E-05	1.000E-03	1.4	15.0	242.0	2.130E-05	6.900E-10	1876	YES	.000	.250

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SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HR.)		CRACK GROWTH RATE (INCHES/HOUR)		CRACK LENGTH (INCHES)			PHYS. PRODUCTION DEFECT (DEC/A/C)		SERVICE DAMAGE RATE (DEC/HR)	MUD-LEAD TIME (HR)	INSPECTION INTERVAL		
	PRED	ACTUAL	SLOW	FAST	CRIT	SAFE	FAIL	DETECT	REPAIR			TEST	SERV	INCH
WAC-SPA-AFT-0917	999999		0	0.000E-05	1.600E-03	1.4	15.0	230.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0931	999999		0	0.000E-05	1.600E-03	1.4	15.0	234.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0945	999999		0	0.000E-05	1.600E-03	1.4	15.0	279.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0958	999999		0	0.000E-05	1.600E-03	1.4	15.0	277.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0972	999999		0	0.000E-05	1.600E-03	1.4	15.0	275.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0986	999999		0	0.000E-05	1.600E-03	1.4	15.0	222.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-1000	999999		0	0.000E-05	1.600E-03	1.4	15.0	220.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-1014	999999		0	0.000E-05	1.600E-03	1.4	15.0	217.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-1028	999999		0	0.000E-05	1.600E-03	1.4	15.0	215.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-1042	999999		0	0.000E-05	1.600E-03	1.4	15.0	200.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-1056	999999		0	0.000E-05	1.600E-03	1.4	15.0	200.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-1070	999999		0	0.000E-05	1.600E-03	1.4	15.0	203.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-1084	999999		0	0.000E-05	1.600E-03	1.4	15.0	201.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-1098	999999		0	0.000E-05	1.600E-03	1.4	15.0	197.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-1112	999999		0	0.000E-05	1.600E-03	1.4	15.0	194.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-1126	999999		0	0.000E-05	1.600E-03	1.4	15.0	191.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-1204	409200		0	0.000E-05	1.600E-03	1.4	15.0	42.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0319	855400		0	0.000E-05	1.600E-03	1.4	15.0	420.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0328	441600		0	0.000E-05	1.600E-03	1.4	15.0	410.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0338	427800		0	0.000E-05	1.600E-03	1.4	15.0	405.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0353	414000		0	0.000E-05	1.600E-03	1.4	15.0	393.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0364	400200		0	0.000E-05	1.600E-03	1.4	15.0	381.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0382	336400		0	0.000E-05	1.600E-03	1.4	15.0	370.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0397	372600		0	0.000E-05	1.600E-03	1.4	15.0	365.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0411	358800		0	0.000E-05	1.600E-03	1.4	15.0	353.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0426	345000		0	0.000E-05	1.600E-03	1.4	15.0	349.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0441	331200		0	0.000E-05	1.600E-03	1.4	15.0	340.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0456	317400		0	0.000E-05	1.600E-03	1.4	15.0	340.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0470	303600		0	0.000E-05	1.600E-03	1.4	15.0	342.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0485	318600		0	0.000E-05	1.600E-03	1.4	15.0	336.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0499	325600		0	0.000E-05	1.600E-03	1.4	15.0	335.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0514	336720		0	0.000E-05	1.600E-03	1.4	15.0	331.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0528	347760		0	0.000E-05	1.600E-03	1.4	15.0	328.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0543	358800		0	0.000E-05	1.600E-03	1.4	15.0	323.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0557	369840		0	0.000E-05	1.600E-03	1.4	15.0	316.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0572	380880		0	0.000E-05	1.600E-03	1.4	15.0	310.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0587	391920		0	0.000E-05	1.600E-03	1.4	15.0	310.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0601	397440		0	0.000E-05	1.600E-03	1.4	15.0	307.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0616	409440		0	0.000E-05	1.600E-03	1.4	15.0	303.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0628	419520		0	0.000E-05	1.600E-03	1.4	15.0	300.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0642	430560		0	0.000E-05	1.600E-03	1.4	15.0	297.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0656	441600		0	0.000E-05	1.600E-03	1.4	15.0	295.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0669	452640		0	0.000E-05	1.600E-03	1.4	15.0	290.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0683	463680		0	0.000E-05	1.600E-03	1.4	15.0	291.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0697	474720		0	0.000E-05	1.600E-03	1.4	15.0	290.0	2.130E-05	0.900E-10	1476	.000	.050	.250
WAC-SPA-AFT-0710	485760		0	0.000E-05	1.600E-03	1.4	15.0	286.0	2.130E-05	0.900E-10	1476	.000	.050	.250

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ELEMENT IDENT	CORR	CMMR	INSPECT	LEVEL	REPAIR COST AT EACH INSP LEVEL	TOOLING COST	COST OF FIRST ADD. MOD.	COST OF FIRST ADD. MOD.	SPEC INSP REPR COST	CORR RES RT.	FROM CORR STOS CONC	COMBOSION OCCURRENCE RATE		CORR CMMR
												INITIAL	SECOND	
WMC-SPP-AFT-0917	.454	.025	H	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-AFT-0931	.454	.025	H	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-AFT-0945	.454	.025	B	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-AFT-0958	.454	.025	B	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-AFT-0972	.454	.025	B	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-AFT-0986	.454	.025	B	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-AFT-1000	.454	.025	B	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-AFT-1014	.454	.025	B	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-AFT-1028	.454	.025	B	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-AFT-1042	.454	.025	B	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-AFT-1056	.454	.025	B	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-AFT-1070	.454	.025	B	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-AFT-1084	.454	.025	B	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-AFT-1098	.454	.025	B	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-AFT-1112	.454	.025	B	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-AFT-1126	.454	.025	B	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0294	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0310	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0326	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0338	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0353	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0360	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0382	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0397	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0411	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0426	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0441	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0456	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0470	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0485	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0499	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0514	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0529	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0543	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0557	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0572	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0587	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0601	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0616	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0620	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0642	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0656	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0669	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0683	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0697	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900
WMC-SPP-CEN-0710	.454	.025	C	A	33.	78.	144.	200.	11504	416	.053	1.450E-08	2.000E-08	6900

SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLYHRS MP.1)		CRACK GROWTH RATE (INCHES/FLYHRS)		CRACK LENGTH (INCHES)			PRODM. DEFECT (OCC/FLYHRS)	SERVICE DAMAGE RATE (OCC/FLYHRS)	MOD. LEAD TIME (HRS)	TEST MOD.		INSPECTION INTERVAL	
	PRED	ACTUAL	SLOW	FAST	CRIT	SAFE	FAIL				TEST	SEVN	TEST	SEVN
WMC-SPR-CEM-0724	496800	0	0.000E-05	1.600E-03	1.4	15.0	281.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0734	587940	0	0.000E-05	1.600E-03	1.4	15.0	279.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0752	518800	0	0.000E-05	1.600E-03	1.4	15.0	276.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0766	529920	0	0.000E-05	1.600E-03	1.4	15.0	272.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0780	518200	0	0.000E-05	1.600E-03	1.4	15.0	269.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0794	607200	0	0.000E-05	1.600E-03	1.4	15.0	265.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0807	762000	0	0.000E-05	1.600E-03	1.4	15.0	262.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0821	745200	0	0.000E-05	1.600E-03	1.4	15.0	259.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0834	814200	0	0.000E-05	1.600E-03	1.4	15.0	257.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0848	883200	0	0.000E-05	1.600E-03	1.4	15.0	254.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0862	952200	0	0.000E-05	1.600E-03	1.4	15.0	250.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0876	999999	0	0.000E-05	1.600E-03	1.4	15.0	248.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0890	999999	0	0.000E-05	1.600E-03	1.4	15.0	245.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0903	999999	0	0.000E-05	1.600E-03	1.4	15.0	242.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0917	999999	0	0.000E-05	1.600E-03	1.4	15.0	239.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0931	999999	0	0.000E-05	1.600E-03	1.4	15.0	234.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0945	999999	0	0.000E-05	1.600E-03	1.4	15.0	229.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0958	999999	0	0.000E-05	1.600E-03	1.4	15.0	227.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0972	999999	0	0.000E-05	1.600E-03	1.4	15.0	225.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-0986	999999	0	0.000E-05	1.600E-03	1.4	15.0	222.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1000	999999	0	0.000E-05	1.600E-03	1.4	15.0	217.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1014	999999	0	0.000E-05	1.600E-03	1.4	15.0	213.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1028	999999	0	0.000E-05	1.600E-03	1.4	15.0	209.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1042	999999	0	0.000E-05	1.600E-03	1.4	15.0	206.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1056	999999	0	0.000E-05	1.600E-03	1.4	15.0	203.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1070	999999	0	0.000E-05	1.600E-03	1.4	15.0	198.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1084	999999	0	0.000E-05	1.600E-03	1.4	15.0	197.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1098	999999	0	0.000E-05	1.600E-03	1.4	15.0	194.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1112	999999	0	0.000E-05	1.600E-03	1.4	15.0	191.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1126	999999	0	0.000E-05	1.600E-03	1.4	15.0	187.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1140	463200	0	0.000E-05	1.600E-03	1.4	15.0	180.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1154	455800	0	0.000E-05	1.600E-03	1.4	15.0	170.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1168	441600	0	0.000E-05	1.600E-03	1.4	15.0	160.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1182	427800	0	0.000E-05	1.600E-03	1.4	15.0	150.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1196	418000	0	0.000E-05	1.600E-03	1.4	15.0	140.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1210	408200	0	0.000E-05	1.600E-03	1.4	15.0	130.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1224	398400	0	0.000E-05	1.600E-03	1.4	15.0	120.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1238	372600	0	0.000E-05	1.600E-03	1.4	15.0	110.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1252	354800	0	0.000E-05	1.600E-03	1.4	15.0	100.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1266	345000	0	0.000E-05	1.600E-03	1.4	15.0	90.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1280	331200	0	0.000E-05	1.600E-03	1.4	15.0	80.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1294	317400	0	0.000E-05	1.600E-03	1.4	15.0	70.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1308	303600	0	0.000E-05	1.600E-03	1.4	15.0	60.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1322	289800	0	0.000E-05	1.600E-03	1.4	15.0	50.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1336	276000	0	0.000E-05	1.600E-03	1.4	15.0	40.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1350	262200	0	0.000E-05	1.600E-03	1.4	15.0	30.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1364	248400	0	0.000E-05	1.600E-03	1.4	15.0	20.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1378	234600	0	0.000E-05	1.600E-03	1.4	15.0	10.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50
WMC-SPR-CEM-1392	220800	0	0.000E-05	1.600E-03	1.4	15.0	0.0	2.130E-05	0.980E-10	1476	YES	YES	0.00	0.50

ELEMENT IDENT	PROBABILITY OF INTERNAL		INSPECT				REPAIR COST AT EACH INSP LEVEL				TOLLING COST			COST OF INSTALLATION			SPEC INSP REPR COST	CONC RES RT.	PROB CORR CORR	CORROSION		CONC RATE CONC TIME
	CONC	CORR	INT	EXT	A	B	C	D	FIRST	ADD.	MOO.	FIRST	ADD.	MOO.	INITIAL	SECOND						
																				OCURRENCE	RATE	
WMC-SPP-CEM-0724	.054	.025	C	A	33.	76.	144.	200.	10000	10000	10000	11504	11504	416	3	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0730	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0752	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0766	.054	.025	C	A	33.	76.	144.	200.	10000	10000	10000	11504	11504	416	3	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0780	.054	.025	C	A	33.	76.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0794	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0807	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0821	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0834	.054	.025	C	A	33.	76.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0848	.054	.025	C	A	33.	76.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0862	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0876	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0890	.054	.025	C	A	33.	76.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0903	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0917	.054	.025	C	A	33.	76.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0931	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0945	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0959	.054	.025	C	A	33.	76.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0972	.054	.025	C	A	33.	76.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-0986	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-1000	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-1014	.054	.025	C	A	33.	76.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-1028	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-1042	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-1056	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-1070	.053	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-1084	.054	.025	C	A	33.	76.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-1098	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-1112	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-CEM-1126	.054	.025	C	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	4	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-FMO-0294	.054	.025	B	A	33.	76.	144.	200.	10000	10000	10000	11504	11504	416	2	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-FMO-0319	.054	.025	B	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	3	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-FMO-0324	.054	.025	B	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	2	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-FMO-0338	.054	.025	B	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	3	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-FMO-0353	.054	.025	B	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	3	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-FMO-0368	.054	.025	B	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	3	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-FMO-0397	.054	.025	B	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	3	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-FMO-0411	.054	.025	B	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	3	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-FMO-0426	.054	.025	B	A	33.	76.	144.	200.	10000	10000	10000	11504	11504	416	3	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-FMO-0441	.054	.025	B	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	3	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-FMO-0456	.054	.025	B	A	33.	76.	144.	200.	10000	10000	10000	11504	11504	416	3	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-FMO-0470	.054	.025	H	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	3	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-FMO-0485	.054	.025	B	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	3	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-FMO-0499	.054	.025	B	A	33.	78.	144.	200.	10000	10000	10000	11504	11504	416	3	.053	1.450E-08	2.004E-08	6900			
WMC-SPP-FMO-0514	.054	.025	B	A	33.	76.	144.	200.	10000	10000	10000	11504	11504	416	3	.053	1.450E-08	2.004E-08	6900			

SAFTE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HR.)		CRACK GROWTH RATE (INCHES/FLIGHT HR.)		CRACK LENGTH (INCHES)			PROB. PRODUCTION DEFECT (OCC/FLY)	SERVICE DAMAGE RATE (OCC/HR)	MOD. LEAD TIME (HR)	TEST MOD.		INSPECTION INTERVAL	
	PRED	ACTUAL	SLOW	FAST	CRIT	SAFE	FAIL				YES MOD.	NO	TEST YES MOD.	TEST NO
ARC-SPH-F-MO-0529	347760	0	0.000E-05	1.000E-03	1.4	15.0	328.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0533	358800	0	0.000E-05	1.000E-03	1.4	15.0	323.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0557	369840	0	0.000E-05	1.000E-03	1.4	15.0	318.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0572	380880	0	0.000E-05	1.000E-03	1.4	15.0	314.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0587	391920	0	0.000E-05	1.000E-03	1.4	15.0	310.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0601	397440	0	0.000E-05	1.000E-03	1.4	15.0	307.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0614	408480	0	0.000E-05	1.000E-03	1.4	15.0	303.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0628	419520	0	0.000E-05	1.000E-03	1.4	15.0	300.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0642	430560	0	0.000E-05	1.000E-03	1.4	15.0	297.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0656	441600	0	0.000E-05	1.000E-03	1.4	15.0	294.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0669	452640	0	0.000E-05	1.000E-03	1.4	15.0	291.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0683	463680	0	0.000E-05	1.000E-03	1.4	15.0	288.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0697	474720	0	0.000E-05	1.000E-03	1.4	15.0	285.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0710	485760	0	0.000E-05	1.000E-03	1.4	15.0	283.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0724	496800	0	0.000E-05	1.000E-03	1.4	15.0	280.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0738	507840	0	0.000E-05	1.000E-03	1.4	15.0	277.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0752	518880	0	0.000E-05	1.000E-03	1.4	15.0	274.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0766	529920	0	0.000E-05	1.000E-03	1.4	15.0	271.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0780	540960	0	0.000E-05	1.000E-03	1.4	15.0	268.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0794	552000	0	0.000E-05	1.000E-03	1.4	15.0	265.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0807	563040	0	0.000E-05	1.000E-03	1.4	15.0	262.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0821	574080	0	0.000E-05	1.000E-03	1.4	15.0	259.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0834	585120	0	0.000E-05	1.000E-03	1.4	15.0	257.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0848	596160	0	0.000E-05	1.000E-03	1.4	15.0	254.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0862	607200	0	0.000E-05	1.000E-03	1.4	15.0	251.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0876	618240	0	0.000E-05	1.000E-03	1.4	15.0	248.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0890	629280	0	0.000E-05	1.000E-03	1.4	15.0	245.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0903	640320	0	0.000E-05	1.000E-03	1.4	15.0	242.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0917	651360	0	0.000E-05	1.000E-03	1.4	15.0	239.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0931	662400	0	0.000E-05	1.000E-03	1.4	15.0	236.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0945	673440	0	0.000E-05	1.000E-03	1.4	15.0	233.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0958	684480	0	0.000E-05	1.000E-03	1.4	15.0	230.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0972	695520	0	0.000E-05	1.000E-03	1.4	15.0	227.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-0986	706560	0	0.000E-05	1.000E-03	1.4	15.0	224.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1000	717600	0	0.000E-05	1.000E-03	1.4	15.0	221.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1014	728640	0	0.000E-05	1.000E-03	1.4	15.0	218.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1028	739680	0	0.000E-05	1.000E-03	1.4	15.0	215.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1042	750720	0	0.000E-05	1.000E-03	1.4	15.0	212.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1056	761760	0	0.000E-05	1.000E-03	1.4	15.0	209.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1070	772800	0	0.000E-05	1.000E-03	1.4	15.0	206.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1084	783840	0	0.000E-05	1.000E-03	1.4	15.0	203.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1098	794880	0	0.000E-05	1.000E-03	1.4	15.0	200.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1112	805920	0	0.000E-05	1.000E-03	1.4	15.0	197.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1126	816960	0	0.000E-05	1.000E-03	1.4	15.0	194.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1140	828000	0	0.000E-05	1.000E-03	1.4	15.0	191.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1154	839040	0	0.000E-05	1.000E-03	1.4	15.0	188.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1168	850080	0	0.000E-05	1.000E-03	1.4	15.0	185.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1182	861120	0	0.000E-05	1.000E-03	1.4	15.0	182.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1196	872160	0	0.000E-05	1.000E-03	1.4	15.0	179.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1210	883200	0	0.000E-05	1.000E-03	1.4	15.0	176.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1224	894240	0	0.000E-05	1.000E-03	1.4	15.0	173.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1238	905280	0	0.000E-05	1.000E-03	1.4	15.0	170.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1252	916320	0	0.000E-05	1.000E-03	1.4	15.0	167.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1266	927360	0	0.000E-05	1.000E-03	1.4	15.0	164.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1280	938400	0	0.000E-05	1.000E-03	1.4	15.0	161.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1294	949440	0	0.000E-05	1.000E-03	1.4	15.0	158.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1308	960480	0	0.000E-05	1.000E-03	1.4	15.0	155.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1322	971520	0	0.000E-05	1.000E-03	1.4	15.0	152.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1336	982560	0	0.000E-05	1.000E-03	1.4	15.0	149.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1350	993600	0	0.000E-05	1.000E-03	1.4	15.0	146.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1364	1004640	0	0.000E-05	1.000E-03	1.4	15.0	143.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1378	1015680	0	0.000E-05	1.000E-03	1.4	15.0	140.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1392	1026720	0	0.000E-05	1.000E-03	1.4	15.0	137.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1406	1037760	0	0.000E-05	1.000E-03	1.4	15.0	134.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1420	1048800	0	0.000E-05	1.000E-03	1.4	15.0	131.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1434	1059840	0	0.000E-05	1.000E-03	1.4	15.0	128.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1448	1070880	0	0.000E-05	1.000E-03	1.4	15.0	125.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1462	1081920	0	0.000E-05	1.000E-03	1.4	15.0	122.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1476	1092960	0	0.000E-05	1.000E-03	1.4	15.0	119.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1490	1104000	0	0.000E-05	1.000E-03	1.4	15.0	116.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1504	1115040	0	0.000E-05	1.000E-03	1.4	15.0	113.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1518	1126080	0	0.000E-05	1.000E-03	1.4	15.0	110.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1532	1137120	0	0.000E-05	1.000E-03	1.4	15.0	107.0	2.130E-05	0.000E-10	1476	YES	0.00	0.54	250
ARC-SPH-F-MO-1546	1148160	0	0.000E-05	1.000E-03	1.4									

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SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HR.)	CRACK GROWTH RATE (INCHES/ROOT)			CRACK LENGTH (INCHES)			PHDR. DEFECT (OCC/AN/C)	SERVICE DATE (OCC/AN)	MOD. LEAD TIME (HR)	TEST MOD.		INSPECTION INTERVAL	
		SLOW	FAST	FAIL	CRIT	SAFE	FAIL						TEST DECR	SERV DECR
ME-STR-1.3A-0324	0	240120	5.001E-05	1.120E-03	1.4	12.0	416.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0336	0	240120	5.001E-05	1.120E-03	1.4	12.0	405.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0353	0	240120	5.001E-05	1.120E-03	1.4	12.0	393.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0368	0	240120	5.001E-05	1.120E-03	1.4	12.0	381.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0382	0	240120	5.001E-05	1.120E-03	1.4	12.0	376.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0397	0	240120	5.001E-05	1.120E-03	1.4	12.0	365.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0411	0	234000	5.001E-05	1.120E-03	1.4	12.0	353.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0426	0	229000	5.001E-05	1.120E-03	1.4	12.0	349.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0441	0	223500	5.001E-05	1.120E-03	1.4	12.0	346.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0454	0	218000	5.001E-05	1.120E-03	1.4	12.0	344.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0470	0	213000	5.001E-05	1.120E-03	1.4	12.0	342.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0485	0	207000	5.001E-05	1.120E-03	1.4	12.0	338.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0499	0	204200	5.001E-05	1.120E-03	1.4	12.0	335.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0514	0	198720	5.001E-05	1.120E-03	1.4	12.0	331.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0528	0	197300	5.001E-05	1.120E-03	1.4	12.0	328.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0543	0	193200	5.001E-05	1.120E-03	1.4	12.0	323.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0557	0	190800	5.001E-05	1.120E-03	1.4	12.0	318.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0572	0	187000	5.001E-05	1.120E-03	1.4	12.0	316.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0587	0	184020	5.001E-05	1.120E-03	1.4	12.0	314.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0601	0	180780	5.001E-05	1.120E-03	1.4	12.0	310.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0614	0	176400	5.001E-05	1.120E-03	1.4	12.0	307.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0628	0	173000	5.001E-05	1.120E-03	1.4	12.0	303.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0642	0	171120	5.001E-05	1.120E-03	1.4	12.0	300.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0656	0	168360	5.001E-05	1.120E-03	1.4	12.0	297.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0669	0	165000	5.001E-05	1.120E-03	1.4	12.0	295.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0683	0	162220	5.001E-05	1.120E-03	1.4	12.0	291.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0697	0	162040	5.001E-05	1.120E-03	1.4	12.0	288.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0710	0	161000	5.001E-05	1.120E-03	1.4	12.0	286.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0724	0	160000	5.001E-05	1.120E-03	1.4	12.0	283.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0738	0	159700	5.001E-05	1.120E-03	1.4	12.0	279.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0752	0	157320	5.001E-05	1.120E-03	1.4	12.0	276.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0766	0	157000	5.001E-05	1.120E-03	1.4	12.0	272.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0780	0	150700	5.001E-05	1.120E-03	1.4	12.0	269.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0794	0	150000	5.001E-05	1.120E-03	1.4	12.0	265.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0807	0	167800	5.001E-05	1.120E-03	1.4	12.0	262.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0821	0	162040	5.001E-05	1.120E-03	1.4	12.0	259.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0834	0	164220	5.001E-05	1.120E-03	1.4	12.0	257.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0848	0	165000	5.001E-05	1.120E-03	1.4	12.0	254.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0862	0	169700	5.001E-05	1.120E-03	1.4	12.0	250.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0876	0	173000	5.001E-05	1.120E-03	1.4	12.0	248.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0890	0	178020	5.001E-05	1.120E-03	1.4	12.0	245.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0903	0	182160	5.001E-05	1.120E-03	1.4	12.0	242.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0917	0	186300	5.001E-05	1.120E-03	1.4	12.0	239.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0931	0	190400	5.001E-05	1.120E-03	1.4	12.0	234.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0945	0	194500	5.001E-05	1.120E-03	1.4	12.0	229.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050
ME-STR-1.3A-0958	0	198720	5.001E-05	1.120E-03	1.4	12.0	227.0	2.130E-05	2.100E-09	1876	NO	NO	.000	.050

ELEMENT IDENT	PROBABILITY OF INTERNAL INSPECT LEVEL			REPAIR COST AT EACH INSPE LEVEL				TOTALING COST			COST OF INSTALLATION			SPY-C INSP REPR COST	COR CORN DES RT.	MOOR CORN STRCS CONC	CORROSION OCCURRENCE RATE		CORR RATE CONC TIME
	CON	CORR	INT EXT	A	B	C	D	FIRST	ADD.	MOD.	FIRST	ADD.	MOD.				INITIAL	SECOND	
MEC-STR-1.5A-0324	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	2	.045	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0330	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	2	.045	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0335	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	3	.065	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0340	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	2	.045	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0342	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	2	.045	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0347	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	3	.065	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0411	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0426	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0441	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0456	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0478	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0485	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0499	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0514	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0528	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0543	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0557	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	3	.065	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0572	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	3	.065	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0587	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	3	.065	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0601	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0614	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0628	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0642	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0656	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0670	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0683	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0697	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0710	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0724	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0738	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0752	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0766	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0780	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0794	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0807	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0821	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0834	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0848	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0862	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0876	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0890	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0903	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0917	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0931	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0945	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0959	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200
MEC-STR-1.5A-0973	.231	.419	D	A	33	78	144	208	10000	10000	10000	11504	11504	416	4	.085	1.994E-08	1.994E-08	7200

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ELEMENT IDENT	CORR	PROBABILITY OF INTERNAL	INSPECT LEVEL	REPAIR COST AT EACH INSP LEVEL				TULING COST		COST IN INSTALLATION		SPEC INSP REPAIR COST	CORR RES RT.	PROB CORR STRS CONC	COMMODITY		CORR RATE CMNG TIME
				A	B	C	D	FIRST	ADD. MOD.	FIRST	ADD. MOD.				DECUMENCE	WATE	
				INT	EXT			MOD.		MOD.					INITIAL	SECOND	
ME-STR-LA-0972	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0984	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-1000	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-1014	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-1020	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-1042	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-1056	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-1070	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-1084	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-1090	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-1112	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-1126	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0290	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0319	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0324	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0330	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0353	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0368	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0382	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0397	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0411	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0424	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0441	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0454	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0470	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0485	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0499	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0514	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0528	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0543	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0567	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0581	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0614	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0628	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0642	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0656	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0669	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0683	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0697	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0710	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0724	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0738	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0752	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200
ME-STR-LA-0766	.231	.019	D	A	33.	78.	144.	208.	10000	10000	11504	11504	4	.065	1.994E-08	1.994E-08	7200

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ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HR.)	PHEU	ACTUAL	CRACK GROWTH RATE (INCHES/POUND)		CRACK LENGTH (INCHES)			PROB. PRODUCTION DEFECT (OCC/4/C)	SERVICE DAMAGE RATE (OCC/HR)	MOD. LEAD TIME (HR)	TEST MOD.	INSPECTION INTERVAL	
				SLOW	FAST	CRIT	SAFE	FAIL					TEST DECR	SERV INCR
WMC-STR-LSC-0780	158700	0	0	5.061E-05	1.120E-03	1.4	12.0	269.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-0794	160960	0	0	5.061E-05	1.120E-03	1.4	12.0	265.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-0807	161460	0	0	5.061E-05	1.120E-03	1.4	12.0	262.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-0821	162840	0	0	5.061E-05	1.120E-03	1.4	12.0	259.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-0834	164220	0	0	5.061E-05	1.120E-03	1.4	12.0	257.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-0848	165600	0	0	5.061E-05	1.120E-03	1.4	12.0	254.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-0862	1669740	0	0	5.061E-05	1.120E-03	1.4	12.0	250.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-0876	173600	0	0	5.061E-05	1.120E-03	1.4	12.0	248.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-0890	176020	0	0	5.061E-05	1.120E-03	1.4	12.0	245.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-0903	182160	0	0	5.061E-05	1.120E-03	1.4	12.0	242.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-0917	186300	0	0	5.061E-05	1.120E-03	1.4	12.0	239.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-0931	190440	0	0	5.061E-05	1.120E-03	1.4	12.0	234.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-0945	194580	0	0	5.061E-05	1.120E-03	1.4	12.0	229.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-0959	198720	0	0	5.061E-05	1.120E-03	1.4	12.0	225.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-0972	202860	0	0	5.061E-05	1.120E-03	1.4	12.0	222.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-0986	207000	0	0	5.061E-05	1.120E-03	1.4	12.0	220.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1000	213900	0	0	5.061E-05	1.120E-03	1.4	12.0	217.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1014	216660	0	0	5.061E-05	1.120E-03	1.4	12.0	213.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1028	218940	0	0	5.061E-05	1.120E-03	1.4	12.0	209.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1042	220800	0	0	5.061E-05	1.120E-03	1.4	12.0	206.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1056	223560	0	0	5.061E-05	1.120E-03	1.4	12.0	203.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1070	227760	0	0	5.061E-05	1.120E-03	1.4	12.0	201.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1084	234600	0	0	5.061E-05	1.120E-03	1.4	12.0	197.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1098	241500	0	0	5.061E-05	1.120E-03	1.4	12.0	194.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1112	246260	0	0	5.061E-05	1.120E-03	1.4	12.0	191.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1126	248540	0	0	5.061E-05	1.120E-03	1.4	12.0	188.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1140	250820	0	0	5.061E-05	1.120E-03	1.4	12.0	185.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1154	253100	0	0	5.061E-05	1.120E-03	1.4	12.0	182.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1168	255380	0	0	5.061E-05	1.120E-03	1.4	12.0	179.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1182	257660	0	0	5.061E-05	1.120E-03	1.4	12.0	176.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1196	259940	0	0	5.061E-05	1.120E-03	1.4	12.0	173.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1210	262220	0	0	5.061E-05	1.120E-03	1.4	12.0	170.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1224	264500	0	0	5.061E-05	1.120E-03	1.4	12.0	167.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1238	266780	0	0	5.061E-05	1.120E-03	1.4	12.0	164.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1252	269060	0	0	5.061E-05	1.120E-03	1.4	12.0	161.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1266	271340	0	0	5.061E-05	1.120E-03	1.4	12.0	158.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1280	273620	0	0	5.061E-05	1.120E-03	1.4	12.0	155.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1294	275900	0	0	5.061E-05	1.120E-03	1.4	12.0	152.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1308	278180	0	0	5.061E-05	1.120E-03	1.4	12.0	149.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1322	280460	0	0	5.061E-05	1.120E-03	1.4	12.0	146.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1336	282740	0	0	5.061E-05	1.120E-03	1.4	12.0	143.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1350	285020	0	0	5.061E-05	1.120E-03	1.4	12.0	140.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1364	287300	0	0	5.061E-05	1.120E-03	1.4	12.0	137.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1378	289580	0	0	5.061E-05	1.120E-03	1.4	12.0	134.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1392	291860	0	0	5.061E-05	1.120E-03	1.4	12.0	131.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1406	294140	0	0	5.061E-05	1.120E-03	1.4	12.0	128.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1420	296420	0	0	5.061E-05	1.120E-03	1.4	12.0	125.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1434	298700	0	0	5.061E-05	1.120E-03	1.4	12.0	122.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1448	300980	0	0	5.061E-05	1.120E-03	1.4	12.0	119.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1462	303260	0	0	5.061E-05	1.120E-03	1.4	12.0	116.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1476	305540	0	0	5.061E-05	1.120E-03	1.4	12.0	113.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1490	307820	0	0	5.061E-05	1.120E-03	1.4	12.0	110.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1504	310100	0	0	5.061E-05	1.120E-03	1.4	12.0	107.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1518	312380	0	0	5.061E-05	1.120E-03	1.4	12.0	104.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1532	314660	0	0	5.061E-05	1.120E-03	1.4	12.0	101.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1546	316940	0	0	5.061E-05	1.120E-03	1.4	12.0	98.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1560	319220	0	0	5.061E-05	1.120E-03	1.4	12.0	95.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1574	321500	0	0	5.061E-05	1.120E-03	1.4	12.0	92.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1588	323780	0	0	5.061E-05	1.120E-03	1.4	12.0	89.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1602	326060	0	0	5.061E-05	1.120E-03	1.4	12.0	86.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1616	328340	0	0	5.061E-05	1.120E-03	1.4	12.0	83.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1630	330620	0	0	5.061E-05	1.120E-03	1.4	12.0	80.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1644	332900	0	0	5.061E-05	1.120E-03	1.4	12.0	77.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1658	335180	0	0	5.061E-05	1.120E-03	1.4	12.0	74.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1672	337460	0	0	5.061E-05	1.120E-03	1.4	12.0	71.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1686	339740	0	0	5.061E-05	1.120E-03	1.4	12.0	68.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1700	342020	0	0	5.061E-05	1.120E-03	1.4	12.0	65.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1714	344300	0	0	5.061E-05	1.120E-03	1.4	12.0	62.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1728	346580	0	0	5.061E-05	1.120E-03	1.4	12.0	59.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1742	348860	0	0	5.061E-05	1.120E-03	1.4	12.0	56.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1756	351140	0	0	5.061E-05	1.120E-03	1.4	12.0	53.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1770	353420	0	0	5.061E-05	1.120E-03	1.4	12.0	50.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1784	355700	0	0	5.061E-05	1.120E-03	1.4	12.0	47.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1798	357980	0	0	5.061E-05	1.120E-03	1.4	12.0	44.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1812	360260	0	0	5.061E-05	1.120E-03	1.4	12.0	41.0	2.130E-05	2.100E-09	1476	NO	.000	.250
WMC-STR-LSC-1826	362540													

SAIFE PROGRAM INPUT DATA

ELEMENT IDENT	PROBABILITY OF INTERNAL	INSPECT LEVEL	CORR	INIT	REPAIR COST AT EACH INSP LEVEL				TOTALING COST FIRST ADD. MOD.	INSTALLATION COST FIRST ADD. MOD.	SPEC INSP COST	CORR RES MT.	PROB CORR CORR	COMBINATION OCCURRENCE RATE		CORR RATE CMMS TIME
					A	B	C	D								
					EXT									INITIAL	SECOND	
MC-STR-1-SC-0700	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0700	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0807	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0821	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0834	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0840	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0862	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0876	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0890	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0903	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0917	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0931	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0945	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0958	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0972	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0986	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-1000	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-1014	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-1028	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-1042	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-1056	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-1070	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-1084	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-1098	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-1112	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-1126	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0294	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0310	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0328	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0344	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0360	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0376	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0392	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0408	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0424	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0440	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0456	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0472	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0488	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0504	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0520	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0536	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0552	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200
MC-STR-1-SC-0568	.231	.019	D	A	35	70	140	200	10000	11500	11500	416	.005	1.994E-00	1.994E-00	7200

SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HRS.)		CRACK GROWTH RATE (INCHES/MINUTE)		CRACK LENGTH (INCHES)			PHON. PRODUCTION DEFECT (OCC/AVC)	SERVICE DAMAGE RATE (OCC/HR)	MOD. LEAD TIME (HRS)	TEST		INSPECTION INTERVAL	
	PRED	ACTUAL	SLOW	FAST	CRIT	SAFE	FAIL				TEST HRS	TEST DECR	SERV DECR	SERV INCH
000-S1A-LSF-0601	0	100020	5.001E-05	1.20E-03	1.4	12.0	314.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0601	0	100780	5.001E-05	1.20E-03	1.4	12.0	318.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0614	0	176660	5.001E-05	1.20E-03	1.4	12.0	367.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0626	0	173490	5.001E-05	1.20E-03	1.4	12.0	363.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0632	0	171120	5.001E-05	1.20E-03	1.4	12.0	360.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0656	0	164360	5.001E-05	1.20E-03	1.4	12.0	297.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0669	0	165000	5.001E-05	1.20E-03	1.4	12.0	295.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0683	0	166270	5.001E-05	1.20E-03	1.4	12.0	291.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0697	0	162640	5.001E-05	1.20E-03	1.4	12.0	280.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0710	0	161460	5.001E-05	1.20E-03	1.4	12.0	260.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0724	0	160040	5.001E-05	1.20E-03	1.4	12.0	263.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0738	0	158700	5.001E-05	1.20E-03	1.4	12.0	279.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0752	0	157520	5.001E-05	1.20E-03	1.4	12.0	278.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0766	0	157320	5.001E-05	1.20E-03	1.4	12.0	272.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0780	0	156700	5.001E-05	1.20E-03	1.4	12.0	269.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0794	0	144000	5.001E-05	1.20E-03	1.4	12.0	265.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0807	0	161460	5.001E-05	1.20E-03	1.4	12.0	262.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0821	0	162940	5.001E-05	1.20E-03	1.4	12.0	259.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0834	0	166270	5.001E-05	1.20E-03	1.4	12.0	257.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0848	0	165600	5.001E-05	1.20E-03	1.4	12.0	254.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0862	0	169780	5.001E-05	1.20E-03	1.4	12.0	250.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0876	0	173490	5.001E-05	1.20E-03	1.4	12.0	248.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0890	0	174020	5.001E-05	1.20E-03	1.4	12.0	245.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0903	0	182160	5.001E-05	1.20E-03	1.4	12.0	242.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0917	0	186300	5.001E-05	1.20E-03	1.4	12.0	239.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0931	0	190480	5.001E-05	1.20E-03	1.4	12.0	234.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0945	0	198580	5.001E-05	1.20E-03	1.4	12.0	229.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0959	0	194720	5.001E-05	1.20E-03	1.4	12.0	227.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0972	0	202860	5.001E-05	1.20E-03	1.4	12.0	225.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-0986	0	207800	5.001E-05	1.20E-03	1.4	12.0	222.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1000	0	213900	5.001E-05	1.20E-03	1.4	12.0	220.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1014	0	216660	5.001E-05	1.20E-03	1.4	12.0	217.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1028	0	218080	5.001E-05	1.20E-03	1.4	12.0	213.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1042	0	220800	5.001E-05	1.20E-03	1.4	12.0	209.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1056	0	223560	5.001E-05	1.20E-03	1.4	12.0	206.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1070	0	227700	5.001E-05	1.20E-03	1.4	12.0	203.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1084	0	234600	5.001E-05	1.20E-03	1.4	12.0	201.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1098	0	241500	5.001E-05	1.20E-03	1.4	12.0	197.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1112	0	244260	5.001E-05	1.20E-03	1.4	12.0	194.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1126	0	245460	5.001E-05	1.20E-03	1.4	12.0	191.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1140	0	377480	3.743E-04	1.050E-03	3.7	11.9	462.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1154	0	366360	3.743E-04	1.050E-03	3.7	11.9	420.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1168	0	355200	3.743E-04	1.050E-03	3.7	11.9	410.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1182	0	344100	3.743E-04	1.050E-03	3.7	11.9	405.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1196	0	333000	3.743E-04	1.050E-03	3.7	11.9	393.0	2.130E-05	2.100E-09	1076	000	050	250	
000-S1A-LSF-1210	0	321900	3.743E-04	1.050E-03	3.7	11.9	361.0	2.130E-05	2.100E-09	1076	000	050	250	

SAFE PROGRAM INPUT DATA

ELEMENT IDENT	PHONEMILITY OF INTERNAL	INSPECT LEVEL	REPAIR COST AT EACH INSP LEVEL				TOTAL COST		COST OF INSTALLATION FIRST ADD. MUD.	SPEC INSP REPR COST	CON RES MT.	FROM CORR STRS CONC	CUMULATIVE OCCURRENCE RATE		CORR RATE CHNG TIME
			INITIAL	A	B	C	FIRST	ADD.					INITIAL	SECOND	
ENC-STIR-LSF-0507	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0601	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0616	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0620	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0642	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0656	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0669	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0683	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0697	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0710	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0726	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0734	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0752	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0760	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0770	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0794	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0807	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0821	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0834	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0848	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0862	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0876	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0890	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0903	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0917	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0931	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0945	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0950	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0972	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-0986	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-1009	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-1014	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-1029	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-1042	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-1056	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-1070	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-1084	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-1100	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSF-1112	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSA-0290	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSA-0319	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSA-0324	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSA-0338	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSA-0353	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200
ENC-STIR-LSA-0368	-231	-419	D	A	33	70	144	200	1000	11500	410	-005	1.000E-00	1.000E-00	7200

SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HR.)		CRACK GROWTH RATE (INCHES/MI)		CRACK LENGTH (INCHES)			PROB. DEFECT (OCC/MI)	SERVICE DAMAGE RATE (OCC/MI)		MOD. LEAD TIME (HR)	TEST		INSPECTION INTERVAL	
	PRED	ACTUAL	SLOW	FAST	CRIT	SAFE	FAIL					TEST	TEST	TEST	SERV
WMC-STR-USA-0302	0	310800	3.743E-04	1.459E-03	3.7	11.9	370.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0397	0	299700	3.743E-04	1.459E-03	3.7	11.9	365.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0411	0	208600	3.743E-04	1.459E-03	3.7	11.9	353.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0426	0	277500	3.743E-04	1.459E-03	3.7	11.9	349.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0441	0	266400	3.743E-04	1.459E-03	3.7	11.9	346.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0456	0	255300	3.743E-04	1.459E-03	3.7	11.9	344.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0470	0	244200	3.743E-04	1.459E-03	3.7	11.9	342.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0485	0	253080	3.743E-04	1.459E-03	3.7	11.9	338.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0499	0	261960	3.743E-04	1.459E-03	3.7	11.9	335.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0514	0	270840	3.743E-04	1.459E-03	3.7	11.9	331.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0528	0	267720	3.743E-04	1.459E-03	3.7	11.9	328.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0543	0	208600	3.743E-04	1.459E-03	3.7	11.9	323.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0557	0	297480	3.743E-04	1.459E-03	3.7	11.9	318.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0572	0	336360	3.743E-04	1.459E-03	3.7	11.9	314.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0587	0	315240	3.743E-04	1.459E-03	3.7	11.9	310.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0601	0	319680	3.743E-04	1.459E-03	3.7	11.9	307.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0614	0	326560	3.743E-04	1.459E-03	3.7	11.9	303.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0628	0	337440	3.743E-04	1.459E-03	3.7	11.9	300.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0642	0	346320	3.743E-04	1.459E-03	3.7	11.9	297.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0656	0	355200	3.743E-04	1.459E-03	3.7	11.9	295.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0669	0	364080	3.743E-04	1.459E-03	3.7	11.9	291.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0683	0	372960	3.743E-04	1.459E-03	3.7	11.9	288.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0697	0	381840	3.743E-04	1.459E-03	3.7	11.9	286.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0710	0	390720	3.743E-04	1.459E-03	3.7	11.9	283.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0724	0	399600	3.743E-04	1.459E-03	3.7	11.9	279.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0738	0	408480	3.743E-04	1.459E-03	3.7	11.9	276.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0752	0	417360	3.743E-04	1.459E-03	3.7	11.9	272.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0766	0	426240	3.743E-04	1.459E-03	3.7	11.9	269.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0780	0	435120	3.743E-04	1.459E-03	3.7	11.9	265.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0794	0	444000	3.743E-04	1.459E-03	3.7	11.9	262.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0807	0	452880	3.743E-04	1.459E-03	3.7	11.9	259.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0821	0	461760	3.743E-04	1.459E-03	3.7	11.9	257.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0834	0	470640	3.743E-04	1.459E-03	3.7	11.9	254.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0848	0	479520	3.743E-04	1.459E-03	3.7	11.9	250.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0862	0	488400	3.743E-04	1.459E-03	3.7	11.9	248.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0876	0	497280	3.743E-04	1.459E-03	3.7	11.9	245.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0890	0	506160	3.743E-04	1.459E-03	3.7	11.9	242.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0903	0	515040	3.743E-04	1.459E-03	3.7	11.9	239.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0917	0	523920	3.743E-04	1.459E-03	3.7	11.9	236.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0931	0	532800	3.743E-04	1.459E-03	3.7	11.9	234.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0945	0	541680	3.743E-04	1.459E-03	3.7	11.9	229.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0958	0	550560	3.743E-04	1.459E-03	3.7	11.9	227.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0972	0	559440	3.743E-04	1.459E-03	3.7	11.9	225.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0986	0	568320	3.743E-04	1.459E-03	3.7	11.9	222.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-1000	0	577200	3.743E-04	1.459E-03	3.7	11.9	220.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250
WMC-STR-USA-0008	0	710400	3.743E-04	1.459E-03	3.7	11.9	256.0	2.130E-05	2.100E-09	1476	NO	NO	NO	NO	.250

SAFE PROGRAM INPUT DATA

ELEMENT IDENT	PROBABILITY OF INTERNAL CORR	INSPECT LEVEL	REPAIR COST AT EACH INSP LEVEL				TOOLING COST		COST OF INSTALLATION		SPEC INSP REQD	COR REQ RT.	PROB CORR STOPS	COMMISSION OCCURRENCE RATE		CURR CHRG TIME
			A	B	C	D	FIRST MOD.	ADD.	FIRST MOD.	ADD.				INITIAL	SECOND	
			INT	EXT												
WMC-STR-USA-0302	.231	.419	D	H	33.	78.	144.	208.	10000	10000	416	2	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0397	.231	.419	D	A	33.	78.	144.	208.	10000	10000	416	3	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0411	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0426	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0441	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0456	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	3	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0470	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0485	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0499	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0514	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0528	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0543	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0557	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	3	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0572	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	3	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0587	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	3	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0601	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0614	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0628	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0642	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0656	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0669	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0683	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0697	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0710	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0724	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0738	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0752	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0766	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0780	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0794	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0807	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0821	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0834	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0848	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0862	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0876	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0890	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0903	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0917	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0931	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0945	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0959	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0972	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-0986	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-1000	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200
WMC-STR-USA-1048	.231	.419	D	B	33.	78.	144.	208.	10000	10000	416	4	.005	1.994E-08	1.994E-08	7200

SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HRS.)	CHACK GR/IN RATE (INCHES/MI/HR)	CRACK LENGTH (INCHES)			PROR. DEFECT (DCC/AC)	SERVICE RATE (DCC/HR)	MOD. LEAD TIME (HR)	TEST MOD.	INSPECTION INTERVAL	
			CH1	SAFE	FAIL					TEST	SERV
	PRED	ACTUAL								DECR	INCR
ANC-STR-USA-1029	0	000000	3.743E-04	1.459E-03	213.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-1032	0	000000	3.743E-04	1.459E-03	209.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-1036	0	000000	3.743E-04	1.459E-03	206.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-1070	0	000000	3.743E-04	1.459E-03	203.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-1084	0	000000	3.743E-04	1.459E-03	201.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-1094	0	000000	3.743E-04	1.459E-03	197.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-1112	0	000000	3.743E-04	1.459E-03	194.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-1126	0	000000	3.743E-04	1.459E-03	191.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0294	377.00	0	3.743E-04	1.459E-03	422.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0319	366.300	0	3.743E-04	1.459E-03	420.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0324	355.200	0	3.743E-04	1.459E-03	416.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0338	344.100	0	3.743E-04	1.459E-03	405.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0353	333.000	0	3.743E-04	1.459E-03	393.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0368	321.900	0	3.743E-04	1.459E-03	381.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0382	310.800	0	3.743E-04	1.459E-03	370.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0397	299.700	0	3.743E-04	1.459E-03	353.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0411	288.600	0	3.743E-04	1.459E-03	340.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0426	277.500	0	3.743E-04	1.459E-03	329.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0441	266.400	0	3.743E-04	1.459E-03	318.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0456	255.300	0	3.743E-04	1.459E-03	307.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0470	244.200	0	3.743E-04	1.459E-03	296.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0485	233.100	0	3.743E-04	1.459E-03	285.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0499	222.000	0	3.743E-04	1.459E-03	274.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0514	210.900	0	3.743E-04	1.459E-03	263.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0529	200.000	0	3.743E-04	1.459E-03	252.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0543	189.000	0	3.743E-04	1.459E-03	241.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0557	178.000	0	3.743E-04	1.459E-03	230.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0572	167.000	0	3.743E-04	1.459E-03	219.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0587	156.000	0	3.743E-04	1.459E-03	208.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0601	145.000	0	3.743E-04	1.459E-03	197.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0616	134.000	0	3.743E-04	1.459E-03	186.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0630	123.000	0	3.743E-04	1.459E-03	175.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0645	112.000	0	3.743E-04	1.459E-03	164.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0659	101.000	0	3.743E-04	1.459E-03	153.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0674	90.000	0	3.743E-04	1.459E-03	142.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0688	79.000	0	3.743E-04	1.459E-03	131.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0703	68.000	0	3.743E-04	1.459E-03	120.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0718	57.000	0	3.743E-04	1.459E-03	109.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0732	46.000	0	3.743E-04	1.459E-03	98.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0747	35.000	0	3.743E-04	1.459E-03	87.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0761	24.000	0	3.743E-04	1.459E-03	76.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0776	13.000	0	3.743E-04	1.459E-03	65.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0790	2.000	0	3.743E-04	1.459E-03	54.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0807	500.000	0	3.743E-04	1.459E-03	250.0	2.130E-05	2.100E-09	1476	NO	.000	.250
ANC-STR-USA-0821	500.000	0	3.743E-04	1.459E-03	250.0	2.130E-05	2.100E-09	1476	NO	.000	.250

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SAIFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HRS.)		CRACK GROWTH RATE (INCHES/FLIGHT HRS.)		CRACK LENGTH (INCHES)			PHUM. PRODUCTION DEFECT (OCC/AVG)		SERVICE DAMAGE RATE (OCC/HR)		MOD. LEAD TIME (HR)		TEST MOD.		INSPECTION INTERVAL	
	PHED	ACTUAL	SLOW	FAST	CRIT	SAFE	FAIL							TEST MOD.	TEST MOD.	TEST MOD.	TEST MOD.
MMC-SIR-USF-0642	346320	0	3.743E-04	1.459E-03	3.7	11.9	300.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0656	355200	0	3.743E-04	1.459E-03	3.7	11.9	297.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0669	364080	0	3.743E-04	1.459E-03	3.7	11.9	295.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0683	372960	0	3.743E-04	1.459E-03	3.7	11.9	291.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0697	381840	0	3.743E-04	1.459E-03	3.7	11.9	288.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0710	390720	0	3.743E-04	1.459E-03	3.7	11.9	286.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0724	399600	0	3.743E-04	1.459E-03	3.7	11.9	283.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0738	408480	0	3.743E-04	1.459E-03	3.7	11.9	279.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0752	417360	0	3.743E-04	1.459E-03	3.7	11.9	276.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0766	426240	0	3.743E-04	1.459E-03	3.7	11.9	272.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0780	435120	0	3.743E-04	1.459E-03	3.7	11.9	269.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0794	444000	0	3.743E-04	1.459E-03	3.7	11.9	265.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0807	452880	0	3.743E-04	1.459E-03	3.7	11.9	262.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0821	461760	0	3.743E-04	1.459E-03	3.7	11.9	259.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0834	470640	0	3.743E-04	1.459E-03	3.7	11.9	251.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0848	479520	0	3.743E-04	1.459E-03	3.7	11.9	254.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0862	488400	0	3.743E-04	1.459E-03	3.7	11.9	250.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0876	497280	0	3.743E-04	1.459E-03	3.7	11.9	248.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0890	506160	0	3.743E-04	1.459E-03	3.7	11.9	245.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0903	515040	0	3.743E-04	1.459E-03	3.7	11.9	242.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0917	523920	0	3.743E-04	1.459E-03	3.7	11.9	239.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0931	532800	0	3.743E-04	1.459E-03	3.7	11.9	236.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0945	541680	0	3.743E-04	1.459E-03	3.7	11.9	229.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0959	550560	0	3.743E-04	1.459E-03	3.7	11.9	227.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0972	559440	0	3.743E-04	1.459E-03	3.7	11.9	225.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-0986	568320	0	3.743E-04	1.459E-03	3.7	11.9	222.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1000	577200	0	3.743E-04	1.459E-03	3.7	11.9	220.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1014	586080	0	3.743E-04	1.459E-03	3.7	11.9	217.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1028	594960	0	3.743E-04	1.459E-03	3.7	11.9	213.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1042	603840	0	3.743E-04	1.459E-03	3.7	11.9	209.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1056	612720	0	3.743E-04	1.459E-03	3.7	11.9	206.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1070	621600	0	3.743E-04	1.459E-03	3.7	11.9	203.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1084	630480	0	3.743E-04	1.459E-03	3.7	11.9	201.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1098	639360	0	3.743E-04	1.459E-03	3.7	11.9	197.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1112	648240	0	3.743E-04	1.459E-03	3.7	11.9	194.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1126	657120	0	3.743E-04	1.459E-03	3.7	11.9	191.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1140	666000	0	3.743E-04	1.459E-03	3.7	11.9	188.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1154	674880	0	3.743E-04	1.459E-03	3.7	11.9	185.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1168	683760	0	3.743E-04	1.459E-03	3.7	11.9	182.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1182	692640	0	3.743E-04	1.459E-03	3.7	11.9	179.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1196	701520	0	3.743E-04	1.459E-03	3.7	11.9	176.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1210	710400	0	3.743E-04	1.459E-03	3.7	11.9	173.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1224	719280	0	3.743E-04	1.459E-03	3.7	11.9	170.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1238	728160	0	3.743E-04	1.459E-03	3.7	11.9	167.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1252	737040	0	3.743E-04	1.459E-03	3.7	11.9	164.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1266	745920	0	3.743E-04	1.459E-03	3.7	11.9	161.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1280	754800	0	3.743E-04	1.459E-03	3.7	11.9	158.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1294	763680	0	3.743E-04	1.459E-03	3.7	11.9	155.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1308	772560	0	3.743E-04	1.459E-03	3.7	11.9	152.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1322	781440	0	3.743E-04	1.459E-03	3.7	11.9	149.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1336	790320	0	3.743E-04	1.459E-03	3.7	11.9	146.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1350	799200	0	3.743E-04	1.459E-03	3.7	11.9	143.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1364	808080	0	3.743E-04	1.459E-03	3.7	11.9	140.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1378	816960	0	3.743E-04	1.459E-03	3.7	11.9	137.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1392	825840	0	3.743E-04	1.459E-03	3.7	11.9	134.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1406	834720	0	3.743E-04	1.459E-03	3.7	11.9	131.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1420	843600	0	3.743E-04	1.459E-03	3.7	11.9	128.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1434	852480	0	3.743E-04	1.459E-03	3.7	11.9	125.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1448	861360	0	3.743E-04	1.459E-03	3.7	11.9	122.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1462	870240	0	3.743E-04	1.459E-03	3.7	11.9	119.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1476	879120	0	3.743E-04	1.459E-03	3.7	11.9	116.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1490	888000	0	3.743E-04	1.459E-03	3.7	11.9	113.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1504	896880	0	3.743E-04	1.459E-03	3.7	11.9	110.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1518	905760	0	3.743E-04	1.459E-03	3.7	11.9	107.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1532	914640	0	3.743E-04	1.459E-03	3.7	11.9	104.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1546	923520	0	3.743E-04	1.459E-03	3.7	11.9	101.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1560	932400	0	3.743E-04	1.459E-03	3.7	11.9	98.0	2.130E-05	2.130E-05	2.100E-09	1876	MD	MD	MD	MD	.250	
MMC-SIR-USF-1574	941280	0	3.743E-04	1.459E-03	3.7	11.9	95.0	2.130E-05	2.130E-05	2.100E-09	1876						

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SAFE PROGRAM INPUT DATA

ELEMENT IDENT	AVERAGE FATIGUE LIFE (FLIGHT HR.)		CRACK GROWTH RATE (INCHES/HR.)		CRACK LENGTH (INCHES)			PROB. PRODUCTION DEFECT (OCC/A/C)		SERVICE DAMAGE RATE (OCC/HR)		MOD. LER. TIME (HR)		TEST MOD.		INSPECTION INTERVAL	
	PRED ACTUAL		SLOW FAST		CRIT SAFE FAIL			PROB. PRODUCTION DEFECT (OCC/A/C)		SERVICE DAMAGE RATE (OCC/HR)		MOD. LER. TIME (HR)		TEST MOD.		TEST BECH DECH INCR	
MSC-STP-LSF-0000	494000		0	5.001E-05	1.120E-03	1.4	12.0	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-LSF-0030	162000		0	5.001E-05	1.120E-03	1.4	12.0	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-LSF-0060	103000		0	5.001E-05	1.120E-03	1.4	12.0	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-LSF-0090	262200		0	5.001E-05	1.120E-03	1.4	12.0	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-LSF-0127	240120		0	5.001E-05	1.120E-03	1.4	12.0	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-USA-0000	745200		0	3.743E-04	1.059E-03	3.7	11.9	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-USA-0030	690000		0	3.743E-04	1.059E-03	3.7	11.9	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-USA-0060	662400		0	3.743E-04	1.059E-03	3.7	11.9	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-USA-0090	593400		0	3.743E-04	1.059E-03	3.7	11.9	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-USA-0127	607200		0	3.743E-04	1.059E-03	3.7	11.9	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-USC-0000	745200		0	3.743E-04	1.059E-03	3.7	11.9	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-USC-0030	690000		0	3.743E-04	1.059E-03	3.7	11.9	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-USC-0060	662400		0	3.743E-04	1.059E-03	3.7	11.9	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-USC-0090	593400		0	3.743E-04	1.059E-03	3.7	11.9	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-USC-0127	607200		0	3.743E-04	1.059E-03	3.7	11.9	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-USF-0000	745200		0	3.743E-04	1.059E-03	3.7	11.9	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-USF-0030	690000		0	3.743E-04	1.059E-03	3.7	11.9	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-USF-0060	662400		0	3.743E-04	1.059E-03	3.7	11.9	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-USF-0090	593400		0	3.743E-04	1.059E-03	3.7	11.9	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-STP-USF-0127	607200		0	3.743E-04	1.059E-03	3.7	11.9	400.0	3.300E-05	0.000E-00	0.000E-00	1076	NO			.000	.250
MSC-000-AF1-0000	745200		0	0.000E-05	1.000E-03	1.4	15.0	100.0	1.190E-05	1.331E-00	1.331E-00	1076	YES			.000	.250
MSC-000-AF1-0030	690000		0	0.000E-05	1.000E-03	1.4	15.0	100.0	1.190E-05	1.331E-00	1.331E-00	1076	YES			.000	.250
MSC-000-AF1-0060	662400		0	0.000E-05	1.000E-03	1.4	15.0	100.0	1.190E-05	1.331E-00	1.331E-00	1076	YES			.000	.250
MSC-000-AF1-0090	593400		0	0.000E-05	1.000E-03	1.4	15.0	100.0	1.190E-05	1.331E-00	1.331E-00	1076	YES			.000	.250
MSC-000-AF1-0127	607200		0	0.000E-05	1.000E-03	1.4	15.0	100.0	1.190E-05	1.331E-00	1.331E-00	1076	YES			.000	.250
MSC-000-CEM-0000	745200		0	0.000E-05	1.000E-03	1.4	15.0	100.0	1.190E-05	1.331E-00	1.331E-00	1076	YES			.000	.250
MSC-000-CEM-0030	690000		0	0.000E-05	1.000E-03	1.4	15.0	100.0	1.190E-05	1.331E-00	1.331E-00	1076	YES			.000	.250
MSC-000-CEM-0060	662400		0	0.000E-05	1.000E-03	1.4	15.0	100.0	1.190E-05	1.331E-00	1.331E-00	1076	YES			.000	.250
MSC-000-CEM-0090	593400		0	0.000E-05	1.000E-03	1.4	15.0	100.0	1.190E-05	1.331E-00	1.331E-00	1076	YES			.000	.250
MSC-000-CEM-0127	607200		0	0.000E-05	1.000E-03	1.4	15.0	100.0	1.190E-05	1.331E-00	1.331E-00	1076	YES			.000	.250
MSC-000-F00-0000	745200		0	0.000E-05	1.000E-03	1.4	15.0	100.0	1.190E-05	1.331E-00	1.331E-00	1076	YES			.000	.250
MSC-000-F00-0030	690000		0	0.000E-05	1.000E-03	1.4	15.0	100.0	1.190E-05	1.331E-00	1.331E-00	1076	YES			.000	.250
MSC-000-F00-0060	662400		0	0.000E-05	1.000E-03	1.4	15.0	100.0	1.190E-05	1.331E-00	1.331E-00	1076	YES			.000	.250
MSC-000-F00-0090	593400		0	0.000E-05	1.000E-03	1.4	15.0	100.0	1.190E-05	1.331E-00	1.331E-00	1076	YES			.000	.250
MSC-000-F00-0127	607200		0	0.000E-05	1.000E-03	1.4	15.0	100.0	1.190E-05	1.331E-00	1.331E-00	1076	YES			.000	.250

SAFE PROGRAM INPUT DATA

ELEMENT IDENT	PROBABILITY OF INTERNAL			INSPECT LEVEL			REPAIR COST AT EACH TRIP LEVEL				TOOLING COST		COST OF INSTALLATION		SPEC		PROD CONN	PROD STRS	CORN RATE
	CEN	CONR	INT	EXT	A	B	C	D	FIRST ADD.	MOD.	FIRST ADD.	MOD.	TRIP	REPR	COST	CORN			
MSC-37R-LF-0000	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	3	.220	4.050E-08	2.342E-07	4200
MSC-37R-LF-0030	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	1	.220	4.050E-08	2.342E-07	4200
MSC-37R-LF-0060	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	2	.220	4.050E-08	2.342E-07	4200
MSC-37R-LF-0090	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	3	.220	4.050E-08	2.342E-07	4200
MSC-37R-USA-0000	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	3	.220	4.050E-08	2.342E-07	4200
MSC-37R-USA-0030	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	1	.220	4.050E-08	2.342E-07	4200
MSC-37R-USA-0060	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	1	.220	4.050E-08	2.342E-07	4200
MSC-37R-USA-0090	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	2	.220	4.050E-08	2.342E-07	4200
MSC-37R-USC-0000	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	3	.220	4.050E-08	2.342E-07	4200
MSC-37R-USC-0030	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	1	.220	4.050E-08	2.342E-07	4200
MSC-37R-USC-0060	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	1	.220	4.050E-08	2.342E-07	4200
MSC-37R-USC-0090	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	2	.220	4.050E-08	2.342E-07	4200
MSC-37R-USF-0000	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	3	.220	4.050E-08	2.342E-07	4200
MSC-37R-USF-0030	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	3	.220	4.050E-08	2.342E-07	4200
MSC-37R-USF-0060	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	1	.220	4.050E-08	2.342E-07	4200
MSC-37R-USF-0090	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	1	.220	4.050E-08	2.342E-07	4200
MSC-37R-USF-0127	.347	.652	C	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	2	.220	4.050E-08	2.342E-07	4200
MSC-37R-AFT-0000	.466	.667	D	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	3	.054	9.154E-09	7.526E-08	7000
MSC-37R-AFT-0030	.466	.667	D	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	3	.054	9.154E-09	7.526E-08	7000
MSC-37R-AFT-0060	.466	.667	D	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	1	.054	9.154E-09	7.526E-08	7000
MSC-37R-AFT-0090	.466	.667	D	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	2	.054	9.154E-09	7.526E-08	7000
MSC-37R-AFT-0127	.466	.667	D	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	3	.054	9.154E-09	7.526E-08	7000
MSC-37R-CEN-0000	.466	.667	D	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	3	.054	9.154E-09	7.526E-08	7000
MSC-37R-CEN-0030	.466	.667	D	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	2	.054	9.154E-09	7.526E-08	7000
MSC-37R-CEN-0060	.466	.667	D	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	3	.054	9.154E-09	7.526E-08	7000
MSC-37R-CEN-0090	.466	.667	D	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	3	.054	9.154E-09	7.526E-08	7000
MSC-37R-CEN-0127	.466	.667	D	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	2	.054	9.154E-09	7.526E-08	7000
MSC-37R-FMD-0000	.466	.667	D	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	3	.054	9.154E-09	7.526E-08	7000
MSC-37R-FMD-0030	.466	.667	D	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	2	.054	9.154E-09	7.526E-08	7000
MSC-37R-FMD-0060	.466	.667	D	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	3	.054	9.154E-09	7.526E-08	7000
MSC-37R-FMD-0090	.466	.667	D	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	1	.054	9.154E-09	7.526E-08	7000
MSC-37R-FMD-0127	.466	.667	D	B	33.	78.	144.	208.	10000	10000	10000	11500	11500	416	3	.054	9.154E-09	7.526E-08	7000

APPENDIX B

**RESULTS OF MAINTENANCE
INSPECTORS SURVEY**

QUESTION #2 • IN THE AWPAS LISTED ABOVE, WHAT IS THE SMALLEST LENGTH CRACK AND SMALLEST AREA OF CORROSION THAT WILL ALWAYS BE DETECTED DURING MRF/FLIGHT INSPECTION.

44-38861-42

CRACK LENGTH IN INCHES			CORROSION AREA IN SQ INCHES			CRACK LENGTH IN INCHES			CORROSION AREA IN SQ INCHES		
WING FUEL TANK	WING LIFTING SURFACE	FUSELAGE LIFTING SURFACE	WING FUEL TANK	WING LIFTING SURFACE	FUSELAGE LIFTING SURFACE	WING FUEL TANK	WING LIFTING SURFACE	FUSELAGE LIFTING SURFACE	WING FUEL TANK	WING LIFTING SURFACE	FUSELAGE LIFTING SURFACE
0.74	0.74	1.00	8.00	12.00	14.00	1.00	1.00	1.00	10.00	14.00	94.00
0.0000	1.00	1.00	1.40	1.00	1.00	0.0000	2.00	2.00	1.40	1.40	1.40
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.00	1.00	1.40	0.00	0.00	24.00	1.00	2.00	3.00	10.00	14.00	30.00
1.40	2.00	1.40	10.00	10.00	24.00	2.00	3.00	3.00	10.00	10.00	44.00
0.40	2.00	1.00	0.00	10.00	24.00	0.40	1.00	0.00	14.00	14.00	44.00
1.40	2.00	2.00	0.00	10.00	24.00	2.00	3.00	3.00	10.00	14.00	24.00
0.40	1.00	1.00	8.00	12.00	30.00	1.00	1.00	0.40	10.00	10.00	40.00
1.00	1.00	1.00	10.00	10.00	10.00	2.00	2.00	2.00	20.00	20.00	40.00
0.40	1.00	0.40	8.00	10.00	20.00	1.00	1.00	1.00	10.00	10.00	30.00
1.40	2.00	2.00	8.00	8.00	30.00	3.00	3.00	4.00	9.00	9.00	30.00
0.40	1.00	1.00	0.40	0.40	1.40	1.00	1.40	2.00	1.00	1.00	2.00
0.0000	1.00	0.40	1.00	1.00	0.40	0.0000	1.00	0.40	1.00	1.00	0.40
1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00
0.12	0.12	0.12	0.12	0.12	0.12	0.24	0.24	0.24	0.12	0.12	0.12
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2.00	2.00	1.40	2.00	2.00	1.00	2.00	2.00	1.40	2.00	2.00	1.00
2.00	2.00	1.00	0.00	0.00	0.00	4.00	4.00	1.00	9.00	9.00	2.00
0.24	0.24	0.12	0.24	0.24	0.24	0.24	0.24	0.24	1.24	1.24	1.24
0.12	0.40	0.24	1.00	1.00	0.40	0.12	1.00	0.40	1.00	1.00	0.40
0.24	1.00	1.00	1.00	1.00	1.00	0.40	1.00	1.00	1.00	1.00	1.00
0.12	0.40	0.24	1.00	1.00	0.40	0.12	1.00	0.40	1.00	1.00	0.40
0.24	0.24	0.12	0.24	0.24	0.40	0.40	0.40	0.24	1.00	1.00	0.40
0.12	0.40	0.24	0.40	0.40	0.40	0.12	0.40	0.40	0.40	0.40	0.40
0.12	0.40	0.24	0.40	0.40	0.40	0.12	1.00	0.40	0.40	0.40	0.40
0.24	0.40	0.12	0.24	0.24	0.40	0.40	0.74	0.24	1.00	1.00	0.74
0.24	0.24	0.24	0.12	0.12	0.12	0.24	0.24	0.24	0.12	0.12	0.12
0.24	0.24	0.24	0.24	0.24	0.24	1.00	1.00	1.00	1.00	1.00	1.00
0.24	0.40	1.00	2.00	2.00	2.00	2.00	2.00	2.00	4.00	4.00	4.00
0.24	0.40	0.40	0.40	0.40	0.40	0.40	0.74	1.00	1.00	1.00	0.40
0.24	1.00	0.40	2.00	2.00	2.00	0.40	1.00	1.00	4.00	4.00	0.40
2.00	3.00	3.00	2.00	2.00	2.00	1.00	4.00	4.00	4.00	4.00	4.00
0.12	0.0000	0.0000	0.00	0.0000	0.0000	0.0000	0.00	0.00	3.00	4.00	4.00
0.40	2.00	4.00	1.00	1.00	4.00	1.00	1.00	4.00	4.00	0.0000	0.0000
0.40	0.40	0.0000	0.0000	0.0000	0.0000	0.40	1.00	4.00	3.00	3.00	0.00
0.12	0.12	0.12	0.12	0.12	0.12	0.40	1.40	0.0000	0.0000	0.0000	0.0000
0.40	0.40	1.00	0.0000	0.40	1.00	0.40	0.40	0.40	0.40	0.40	0.40
0.24	0.24	0.12	0.24	0.24	0.12	4.00	4.00	4.00	2.00	2.00	2.00
0.74	0.74	1.00	8.00	12.00	14.00	0.40	0.40	0.40	0.40	0.40	0.40
0.24	0.40	0.40	0.24	0.40	0.40	1.00	1.00	1.00	14.00	10.00	94.00
0.12	0.12	0.12	0.24	0.40	0.40	1.00	1.00	1.00	0.40	1.00	1.00
0.40	0.40	0.40	0.40	0.40	0.40	0.14	0.14	0.12	0.40	0.40	0.24
1.00	1.00	1.00	0.24	0.40	0.0000	2.00	2.40	1.00	2.40	3.00	2.00
0.40	0.24	0.12	0.24	0.24	0.12	1.00	1.00	1.00	1.00	1.00	1.00
1.00	1.00	0.40	1.00	1.00	0.12	10.00	4.00	0.00	4.00	4.00	0.00
1.00	1.00	0.40	0.40	0.40	0.40	3.00	3.00	1.00	1.00	1.00	1.00
1.00	1.00	1.00	0.40	0.40	0.40	2.00	2.00	2.00	1.00	1.00	1.00
1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	1.00	2.00	2.00	1.00
3.00	2.00	0.40	1.00	2.00	0.40	12.00	12.00	3.00	0.00	0.00	1.00
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1.00	1.00	0.24	0.24	0.24	0.00	1.00	1.00	0.24	0.24	0.24	0.00
1.00	0.24	0.24	0.24	0.24	0.24	1.00	0.24	0.24	0.24	0.24	0.24
1.00	1.00	1.00	0.40	0.40	0.40	3.00	3.00	0.0000	1.00	2.00	0.0000
0.40	0.40	0.00	0.24	0.24	0.12	0.00	0.00	0.00	3.00	3.00	3.00
0.40	0.40	0.24	0.40	0.40	0.40	1.00	1.00	1.00	1.00	1.00	1.00
1.40	1.00	1.00	3.00	3.00	2.00	3.00	3.00	2.40	6.00	4.00	5.00
0.40	0.40	0.24	0.24	0.24	0.12	4.00	4.00	4.00	3.00	3.00	1.00
0.40	0.74	0.40	0.40	0.12	2.40	4.00	3.40	7.00	4.00	0.00	0.00
0.40	0.24	0.12	0.24	0.24	0.12	2.00	3.00	3.00	4.00	3.00	3.00

.....112111; AN 4 IN A COLUMN INDICATES NO RESPONSE.....

QUESTION 88 - DURING A SERVICE INSPECTION, WHICH OF THE FOLLOWING ARE INSPECTED FOR CRACKS AND CORROSION AND WHAT INSPECTION METHOD IS USED

[illegible]

.....NOTE: BY A IN A COLUMN INDICATES ALL RESPONSES.....

AREA OF CUNHORIUM = 30 INCHES

[illegible]

QUESTION #5 - FOR THE AREAS LISTED HEREIN, WHAT IS THE SMALLEST LENGTH CRACK AND SMALLEST AREA OF CORROSION THAT WILL ALWAYS BE DETECTED DURING A SERVICE INSPECTION

LENGTH OF CRACK - INCHES							AREA OF CORROSION - SQ INCHES						
WING LOWER SURFACE	WING UPPER SURFACE	FUSELAGE LOWER SURFACE	FUSELAGE UPPER SURFACE	DOWN FRAMES	BAGGAGE COMPTS	WING WELL INTERIOR	WING LOWER SURFACE	WING UPPER SURFACE	FUSELAGE LOWER SURFACE	FUSELAGE UPPER SURFACE	DOWN FRAMES	BAGGAGE COMPTS	WING WELL INTERIOR
1.00	1.00	4.00	*****	1.00	1.00	1.00	*****	*****	*****	*****	*****	*****	*****
0.50	0.50	1.00	*****	0.50	0.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
*****	*****	*****	*****	0.00	*****	1.00	0.00	*****	*****	*****	1.00	*****	1.50
2.00	3.00	2.00	1.00	2.00	2.00	2.00	3.00	3.00	2.00	3.00	2.00	2.00	2.00
0.50	1.00	2.00	1.00	0.50	0.50	0.50	1.00	1.00	4.00	4.00	2.00	0.00	1.00
0.50	0.75	0.75	1.00	0.50	0.50	0.50	1.00	1.00	1.00	2.00	1.00	1.00	1.00
2.00	2.00	2.00	2.00	0.50	2.00	2.00	2.00	2.00	2.00	2.00	1.00	4.00	2.00
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.15	0.15	0.15	0.15	0.15	0.15	0.25
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.12	0.12	0.12	0.12	0.12	0.12	0.12
0.25	0.25	0.25	*****	0.25	0.25	0.25	0.75	0.75	0.75	*****	0.50	0.50	0.50
0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.50	0.50	0.50	0.50	0.50	0.50	0.50
0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.50	0.50	0.50	0.50	0.50	0.50	0.50
0.25	0.25	0.25	0.25	0.25	*****	0.25	0.50	0.50	0.50	0.12	*****	0.25	0.50
0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.50	0.50	0.50	0.50	0.50	0.50	0.50
1.00	*****	1.00	*****	1.00	*****	2.00	1.00	*****	1.00	*****	1.00	*****	1.00
0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.50	0.50	0.50	0.50	0.50	0.50	0.50
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.12	0.12	0.12	0.12	0.12	0.12	0.12
1.00	1.00	1.00	2.00	0.50	1.00	1.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
1.50	1.00	1.00	*****	0.50	1.00	1.00	1.00	1.00	1.00	*****	0.50	0.50	0.50
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.12	0.12	0.12	0.12	0.12	0.12	0.12
2.00	2.00	1.00	2.00	1.00	2.00	2.00	1.00	1.00	1.00	2.00	0.50	2.00	2.00
0.50	0.50	0.50	*****	0.25	0.50	0.50	0.50	0.50	0.50	*****	0.50	1.00	1.00
1.00	*****	1.00	*****	0.50	1.00	1.00	0.50	*****	0.50	*****	0.50	1.00	1.00
0.75	*****	0.75	*****	0.75	0.75	0.75	4.00	*****	4.00	*****	4.00	4.00	4.00
1.50	*****	1.50	*****	1.00	3.00	1.50	4.00	*****	9.00	*****	2.00	*****	4.00
1.00	*****	1.00	*****	0.50	0.50	1.00	4.00	*****	4.00	*****	4.00	*****	4.00
0.50	*****	0.50	*****	*****	1.00	0.50	0.50	*****	0.50	*****	*****	1.00	0.50
0.50	*****	0.50	*****	0.50	1.00	0.50	4.00	*****	4.00	*****	4.00	4.00	4.00
1.00	*****	1.50	*****	1.00	2.00	1.50	4.00	*****	4.00	*****	4.00	4.00	4.00
0.75	*****	0.75	*****	*****	*****	0.75	4.00	*****	4.00	*****	2.00	*****	4.00
2.00	*****	2.00	*****	1.00	2.00	2.00	4.00	*****	4.00	*****	4.00	4.00	4.00
1.00	*****	2.00	*****	1.00	3.00	1.00	4.00	*****	4.00	*****	4.00	4.00	4.00
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
1.00	2.00	1.00	1.00	1.00	2.00	1.00	2.00	3.00	2.00	4.00	2.00	4.00	2.00
0.75	*****	0.75	*****	0.75	0.75	0.75	4.00	*****	4.00	*****	4.00	4.00	4.00
1.00	0.50	1.00	0.50	*****	*****	0.75	0.50	0.25	1.00	0.25	*****	*****	1.00
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.50	0.50	0.50	0.50	0.50	0.50
0.50	0.25	0.50	0.50	0.50	0.50	0.50	1.00	0.50	0.50	0.50	0.50	*****	0.25
1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.25	0.25	0.25	0.25	0.25	0.25	0.25
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1.00	0.50	0.25	0.25	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00
3.00	1.00	1.00	1.00	1.00	1.00	3.00	2.00	1.00	1.00	1.00	0.50	1.00	1.00
0.00	0.00	10.00	10.00	4.00	4.00	4.00	4.00	4.00	10.00	10.00	4.00	4.00	4.00
2.00	1.00	1.00	1.00	0.50	*****	1.00	1.00	1.00	1.00	1.00	0.50	*****	1.00
*****	2.00	2.50	1.00	1.00	1.50	2.00	*****	1.00	2.00	1.00	1.00	1.00	2.00
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.25	1.00	1.00	1.00	0.25	1.00	1.00	0.25	0.25	1.00	0.25	0.25	0.25	1.00
3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
0.00	0.00	4.00	3.00	2.00	2.00	0.00	3.00	3.00	1.00	1.00	1.00	1.00	3.00
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
1.50	1.50	1.50	1.50	1.00	1.50	1.00	3.00	3.00	1.00	3.00	2.00	3.00	2.00
1.00	1.00	4.00	2.00	4.00	4.00	4.00	2.00	1.00	3.00	2.00	2.00	4.00	2.00
5.00	4.00	6.00	0.00	5.50	5.00	4.00	3.00	3.00	4.00	3.75	3.50	2.50	3.75
2.00	2.00	4.00	2.00	2.00	2.00	2.00	2.00	2.00	4.00	2.00	2.00	4.00	4.00

.....NOTES: A * IN A COLUMN INDICATES NO RESPONSE.....

VIB • VIBRIAL
IMY • IMRAY
IDY • IDUT CLEMENT
OYF • OYF PLENTHANT
IIR • IIR INHARMONIC
MAP • MAPINIFIC PARTICLE
AM • THIS AMFA NOT INSPECTOR DURING THIS INSPECTION

.....NOTE: AN "X" IN A COLUMN INDICATES NO RESPONSE.....

CONCENTRATION OF 10 IN TWO ANGULAR LIGHT BEAMS THAT ARE INTERFERED DURING A PHASE INVERSION, THAT IS THE SMALLEST LENGTH EACH AND SMALLEST AMP OF CURRENTS THAT IT IS POSSIBLE TO DETECT

LENGTH OF CRACK - INCHES

[illegible]

.....,NOTE: AN "X" IN A COLUMN INDICATES NO RESPONSE.....

QUESTION #7 - FROM THE AREAS LISTED BELOW THAT ARE INSPECTED DURING A PHASE INSPECTION, WHAT IS THE SMALLEST LENGTH CRACK AND SMALLEST AREA OF CORROSION THAT IT IS PROBABLE TO DETECT?

AREA OF CIRCULATION = 30 INCHES

[illegible]

.....NOTE: AN * IN A COLUMN INDICATES NO RESPONSE.....

[Faint handwritten notes or bleed-through from the reverse side.]

● ●

.....NOTE: AN * IN A COLUMN INDICATED NO RESPONSE.....

DEFINITION A1 - FOR THE AREAS LISTED BELOW, WHAT IS THE SMALLEST LENGTH CRACK AND SMALLEST AREA OF CORROSION THAT WILL ALWAYS BE DETECTED DURING A VISUAL INSPECTION

DEFINITION B1 - WHAT PERCENTAGE OF CRACKS INITIATE AT NICKS, GROUFS OR OTHER DEFECTS TYPE DAMAGE

DEFINITION C1 - WHAT PERCENTAGE OF CORROSION CASES OCCUR AT DETACHES OR GROUFS IN PROTECTIVE FINISHES

AREA OF CORROSION - SQ INCHES

WIND EXTENSION	WIND INTERIOR	FINELAGE EXTENSION	SUBELAGE INT STRUCT	DRUM FRAMES	WINDOW FRAMES	MAGAZINE CLIMPS	ELECTRONICS CLIMPS	WHL WLLS INTERIOR	CRACKS PERCENT	CORROSION PERCENT
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	14	40
2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	20	75
3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3	45
4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	5	40
5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	60	75
6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	60	40
7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	4	10
8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	14	20
9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	20	10
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	75	40
11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	40	40
12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	70	70
13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	25	25
14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	90	90
15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	20	15
16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	20	50
17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	20	10
18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00	1	10
19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	20	10
20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	15	15
21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	21.00	10	5
22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	90	100
23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	23.00	40	10
24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	1	4
25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	10	10
26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00	4	5
27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	10	3
28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	4	4
29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	10	10
30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	5	5
31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	31.00	25	20
32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	32.00	10	15
33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	40	40
34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	34.00	40	40
35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	40	40
36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	40	40
37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	37.00	40	40
38.00	38.00	38.00	38.00	38.00	38.00	38.00	38.00	38.00	40	40
39.00	39.00	39.00	39.00	39.00	39.00	39.00	39.00	39.00	40	40
40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40	40
41.00	41.00	41.00	41.00	41.00	41.00	41.00	41.00	41.00	40	40
42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	42.00	40	40
43.00	43.00	43.00	43.00	43.00	43.00	43.00	43.00	43.00	40	40
44.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	44.00	40	40
45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	40	40
46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00	46.00	40	40
47.00	47.00	47.00	47.00	47.00	47.00	47.00	47.00	47.00	40	40
48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00	40	40
49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00	49.00	40	40
50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	40	40
51.00	51.00	51.00	51.00	51.00	51.00	51.00	51.00	51.00	40	40
52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	40	40
53.00	53.00	53.00	53.00	53.00	53.00	53.00	53.00	53.00	40	40
54.00	54.00	54.00	54.00	54.00	54.00	54.00	54.00	54.00	40	40
55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	40	40
56.00	56.00	56.00	56.00	56.00	56.00	56.00	56.00	56.00	40	40
57.00	57.00	57.00	57.00	57.00	57.00	57.00	57.00	57.00	40	40
58.00	58.00	58.00	58.00	58.00	58.00	58.00	58.00	58.00	40	40
59.00	59.00	59.00	59.00	59.00	59.00	59.00	59.00	59.00	40	40
60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00	40	40
61.00	61.00	61.00	61.00	61.00	61.00	61.00	61.00	61.00	40	40
62.00	62.00	62.00	62.00	62.00	62.00	62.00	62.00	62.00	40	40
63.00	63.00	63.00	63.00	63.00	63.00	63.00	63.00	63.00	40	40
64.00	64.00	64.00	64.00	64.00	64.00	64.00	64.00	64.00	40	40
65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	65.00	40	40
66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	66.00	40	40
67.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00	67.00	40	40
68.00	68.00	68.00	68.00	68.00	68.00	68.00	68.00	68.00	40	40
69.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00	40	40
70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	70.00	40	40
71.00	71.00	71.00	71.00	71.00	71.00	71.00	71.00	71.00	40	40
72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.00	40	40
73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	40	40
74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	74.00	40	40
75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	40	40
76.00	76.00	76.00	76.00	76.00	76.00	76.00	76.00	76.00	40	40
77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00	77.00	40	40
78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	40	40
79.00	79.00	79.00	79.00	79.00	79.00	79.00	79.00	79.00	40	40
80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	80.00	40	40
81.00	81.00	81.00	81.00	81.00	81.00	81.00	81.00	81.00	40	40
82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	82.00	40	40
83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	83.00	40	40
84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00	84.00	40	40
85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	40	40
86.00	86.00	86.00	86.00	86.00	86.00	86.00	86.00	86.00	40	40
87.00	87.00	87.00	87.00	87.00	87.00	87.00	87.00	87.00	40	40
88.00	88.00	88.00	88.00	88.00	88.00	88.00	88.00	88.00	40	40
89.00	89.00	89.00	89.00	89.00	89.00	89.00	89.00	89.00	40	40
90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	40	40
91.00	91.00	91.00	91.00	91.00	91.00	91.00	91.00	91.00	40	40
92.00	92.00	92.00	92.00	92.00	92.00	92.00	92.00	92.00	40	40
93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	93.00	40	40
94.00	94.00	94.00	94.00	94.00	94.00	94.00	94.00	94.00	40	40
95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	95.00	40	40
96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	96.00	40	40
97.00	97.00	97.00	97.00	97.00	97.00	97.00	97.00	97.00	40	40
98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	40	40
99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	40	40
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	40	40

*****NOTE: AN "X" IN A COLUMN INDICATES NO RESPONSE*****

QUESTION #11 - WHICH OF THE FOLLOWING INSPECTION METHODS DO YOU USE DURING AN OVERHAUL INSPECTION, AND IN WHAT ORDER DO YOU USE THESE METHODS

VIM = VISUAL
IMV = IMWAY
FDY = BODY CURRENT
DVF = DIFF PERCENTAGE
HMR = ULTIMATE INIC
MNP = MAGNETIC PARTICLE
AM = THIS AREA NOT INSPECTED DURING THIS INSPECTION

[illegible]

.....NOTE: AN "X" IN A COLUMN INDICATES NO RESPONSE.....

IDENTIFY AID A FOM THE ABOVE LISTED HELIX THAT WAS INSPECTED DURING AN OVERMAIL INSPECTION, WHAT IS THE SMALLEST LENGTH CRACK AND SMALLEST AREA OF CORROSION THAT IT IS POSSIBLE TO DETECT

LENGTH OF CRACK = INCHES

[illegible]

.....NITFI AN O IN O CILUMN INDICATEA NEI HOOFINDE.....

QUESTION 812 - FIM THE AWTAN LISTED HELIX THAT ARE INSPECTED DURING AN OVERHAUL INSPECTION, WHAT IS THE SMALLEST LENGTH EACH AND SMALLEST AMP OF COMPRESSION THAT IT IS POSSIBLE TO OBTAIN?

AND A (IF COMMUNION = NO) INCOME

[illegible]

.....NOTE: AN "N" IN A COLUMN INDICATES NO RESPONSE.....

QUESTION #13 • FROM THE ANSWER LISTED BELOW, WHAT IS THE SMALLEST LENGTH CRACK AND SMALLEST AREA OF CORROSION THAT WILL ALWAYS BE DETECTED DURING AN OVERHAUL INSPECTION

LENGTH OF CHAIN - INCHES

MINI-SPAN	MINI-EXTENSION	MINI-INTERCOM	FIVE-FLAT-EXTENSION	FIVE-FLAT-INTERCOM	DIVISION NAME	MINI-INTERCOM	MAGAZINE EXTENSION	ELECTRONICS EXTENSION	WALL-INTERCOM
0.40	0.40	0.50	0.40	0.50	0.50	0.50	0.50	1.00	1.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.00	1.00	1.00	2.00	1.00	0.40	0.40	2.00	2.00	2.00
0.25	0.25	0.25	0.25	0.50	0.00	0.00	1.00	1.00	0.50
1.00	1.00	1.00	1.00	1.00	1.00	0.50	1.00	1.00	1.00
0.50	0.50	0.50	0.50	0.50	0.25	0.25	1.00	1.00	1.00
0.12	0.12	0.12	0.12	0.12	0.12	0.25	1.00	1.00	0.50
0.00	0.30	0.50	0.50	0.10	0.10	0.12	0.12	0.12	0.12
0.12	0.12	0.12	0.12	0.12	1.01	0.30	3.00	1.10	1.00
0.00	0.00	0.00	0.00	0.00	0.12	0.12	0.12	0.12	0.12
0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
0.10	0.10	0.10	0.03	0.03	0.03	0.03	0.03	0.03	0.03
0.03	0.03	0.03	0.25	0.50	0.25	0.25	0.25	0.25	0.10
0.25	0.25	0.25	0.03	0.03	0.03	0.03	0.03	0.03	0.03
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.30	0.30	0.30	0.25	0.25	0.25	0.25	0.25	0.25	0.25
2.00	1.00	2.00	1.00	2.00	0.25	0.25	0.30	0.30	0.30
2.00	2.00	2.00	1.00	1.00	1.00	0.50	1.00	1.00	1.00
0.50	0.50	0.50	0.50	0.50	0.50	0.50	2.00	2.00	2.00
0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.50	0.50	0.50
0.75	0.25	0.25	0.75	0.75	0.50	0.10	0.10	0.10	0.10
0.50	0.50	0.75	1.00	0.50	0.25	0.25	1.00	1.00	1.00
0.75	0.75	0.75	0.75	0.75	0.50	0.25	0.75	0.75	1.00
0.25	0.25	0.25	0.25	0.25	0.50	0.50	0.50	0.50	0.25
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.50	0.00	0.25	0.25	0.25	0.25	0.12	0.25	0.25	0.25
0.00	0.20	0.00	0.25	0.31	0.25	0.12	0.25	0.25	0.10
0.50	0.50	0.50	1.00	0.50	0.50	0.50	0.50	0.50	0.50
0.50	0.50	0.50	1.00	0.50	0.50	0.50	0.50	0.50	0.50
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.25	0.25	0.00	0.00	0.07	0.00	0.00	0.00	0.10	0.00
0.12	0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.25	0.20	0.20	0.12	0.12	0.12	0.12	0.12	0.12	0.12
0.25	0.12	0.25	0.25	0.25	0.20	0.20	0.50	0.50	0.20
0.10	0.10	0.10	0.14	0.14	0.12	0.25	0.25	0.25	0.25
0.10	0.10	0.10	0.25	0.10	0.10	0.10	0.14	0.14	0.10
0.12	0.12	0.12	0.12	0.12	0.10	0.10	0.10	0.10	0.10
1.00	1.00	1.00	1.00	1.00	0.12	0.12	0.12	0.12	0.12
0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	1.50	1.00	1.00	1.00	1.00	0.50	1.00	1.00
2.00	1.00	1.50	1.00	1.00	1.00	1.00	0.50	1.00	1.00
1.00	1.00	1.00	0.25	1.00	0.25	0.25	1.00	1.00	1.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.25
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
1.00	1.00	0.00	1.00	0.00	0.50	0.50	1.00	0.50	0.50
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

.....NOTE: AN "X" IN A COLUMN INDICATES NO RESPONSE.....

IDENTIFYING SITES - WHAT POTENTIAL FOR CONTAMINATION CAN BE OCCUR AT SITES ON MAPS IN PROTECTIVE PATRONS

QTN
#15

[illegible]

.....NOTE: 44 = IN A COLUMN INDICATES NO HSPUNGE.....

INSPECTED BY A SON OF THE AMERICAN ARMY AT THE INSPECTION DURING A SPECIAL ARMY INSPECTION, WHAT IS THE QUALITY LENGTH EACH AND SMALLER ARE, IN CONCLUSION THAT IT IS POSSIBLE TO DEFECT

LENGTH OF EACH = INCHES

[illegible]

.....4119: AN - IN A COLUMN INDICATES HIS RESPONSE.....

INSPECTED WITH A SAW THE AREA LISTED BELOW THAT WAS INSPECTED DURING A SPECIAL AREA INSPECTION, WHAT IS THE SMALLEST LENGTH CRACK AND STRAIGHT AREA OF CORROSION THAT IT IS POSSIBLE TO DETECT

AMT A (P) COMMUNISM - RES INCMR N

[illegible]

.....NOTE: A "1" IN A COLUMN INDICATES NO WEAPON(S).....

QUESTION 11 - Given the above listed union, what is the smallest length check and smallest AWP in COMMUNITAS that will always be detected during a SPECIAL AWP inspection

LENGTH OF CHAIN - INCHES

[illegible]

.....WITH AN IN A COLUMN INDICATE NO RESPONSE.....

QUESTION 817 - FOR THE AREAS LISTED BELOW, WHAT IS THE SMALLEST LENGTH CRACK AND SMALLEST AREA OF CORROSION THAT WILL ALWAYS BE DETECTED DURING A SPECIAL AREA INSPECTION

AREA OF CORROSION - SQ INCHES

WING SPAN	WING EXTENSION	WING INTERIOR	FUSELAGE EXTENSION	FUSELAGE INT STRUCT	DOOR FRAMES	WINDOW FRAMES	HABITAGE COMPTS	HULL WELLS INTERIOR
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
0.50	1.00	1.00	1.00	1.00	0.50	1.00	1.00	1.00
0.25	0.50	0.25	0.25	0.25	0.12	0.06	0.10	0.25
0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
0.50	0.50	0.50	0.50	0.50	0.50	0.50	2.00	1.00
0.04	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
0.25	0.50	0.50	0.50	0.50	0.25	0.25	1.00	0.06
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2.00	0.50	1.00	1.00	2.00	0.50	0.50	1.00	1.00
1.00	1.00	1.00	1.00	1.00	0.50	0.50	2.00	1.00
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.12	0.06	0.12	0.12	0.12	0.12	0.12	0.12	0.12
0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
0.00	0.00	0.00	0.00	0.00	2.00	1.00	0.00	0.00
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.10	0.06	0.12	0.12	0.12	0.12	0.12	0.12	0.10
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
0.25	0.50	0.50	0.12	0.25	0.25	0.25	0.50	0.25
0.50	0.50	0.50	0.25	0.25	0.25	0.25	0.25	0.25
0.50	0.50	1.00	0.25	1.00	0.50	0.50	1.00	1.00
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
0.50	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
2.00	2.00	2.00	2.00	2.00	1.00	1.00	2.00	2.00
0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.00	1.00	1.00	1.00	2.00	1.00	1.00	2.00	2.00
0.12	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.50
1.00	1.00	1.00	1.00	3.00	1.00	1.00	2.00	2.00

.....NOTE: AN * IN A COLUMN INDICATES NO RESPONSE.....

APPENDIX C

SUMMARY OF MECHANICAL RELIABILITY
REPORT/SERVICE DIFFICULTY REPORT DATA
SUBMITTED FROM 1963 THROUGH 1973

[illegible]

DEFECT DESCRIPTION													PAGE 1
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DEFECT DESCRIPTION

UNIT, MT.	U	P	E	R	A	T	D	A/C TYPE	NO.	C	MO	DATE	ATA	TIME	A/C	TOTAL	ELEMENT	ID	LOCATION	E	N	D	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H	I	J	K	L	D	C	A	N	I	E	C	E	A	C	U	S	P	M	H</
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DEFECT DESCRIPTION										PAGE 1									
NO.	QTY	P	E	R	A	T	D	C	M	I	S	P	O	B	T	P	O	B	T
NO.	QTY	P	E	R	A	T	D	C	M	I	S	P	O	B	T	P	O	B	T
NO.	QTY	P	E	R	A	T	D	C	M	I	S	P	O	B	T	P	O	B	T
NO.	QTY	P	E	R	A	T	D	C	M	I	S	P	O	B	T	P	O	B	T
NO.	QTY	P	E	R	A	T	D	C	M	I	S	P	O	B	T	P	O	B	T
NO.	QTY	P	E	R	A	T	D	C	M	I	S	P	O	B	T	P	O	B	T
NO.	QTY	P	E	R	A	T	D	C	M	I	S	P	O	B	T	P	O	B	T
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ITEM NO.		QTY	UNIT	DESCRIPTION	L	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	JJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NN	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	XG	XH	XI	XJ	XK	XL	XM	XN	XO	XP	XQ	XR	XS	XT	XU	XV	XW	XX	XY	XZ	YA	YB	YC	YD	YE	YF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YY	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ
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07200010-000-0707-221 71290	50	10-07	5730	26002	00C-5710-110-520	07	10	.75		07200010-000-0707-221 71290	50	10-07	5730	26002	00C-5710-110-520	07	10	.75			
07200010-000-0707-223 75100	50	10-07	5730	20503	00C-5710-071-300	07	10	1.13		07200010-000-0707-223 75100	50	10-07	5730	20503	00C-5710-071-300	07	10	1.13			
07201000-000-0707-221 75390	11-07	5730	000	00C-5710-070-723	07	10	5.00			07201000-000-0707-221 75390	11-07	5730	000	00C-5710-070-723	07	10	5.00				
07201003-000-0707-227 7075	11-07	5510	23010	00C-5710-070-320	07	10	1.50			07201003-000-0707-227 7075	11-07	5510	23010	00C-5710-070-320	07	10	1.50				
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07201003-000-0707-224 7075	11-07	5730	22516	00C-5710-070-392	07	10	1.50			07201003-000-0707-224 7075	11-07	5730	22516	00C-5710-070-392	07	10	1.50				
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WDR, NO.	Q	P	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	JJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	XG	XH	XI	XJ	XK	XL	XM	XN	XO	XP	XQ	XR	XS	XT	XU	XV	XW	XX	XY	XZ	YA	YB	YC	YD	YE	YF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YY	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ
WDR, NO.	Q	P	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	JJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	XG	XH	XI	XJ	XK	XL	XM	XN	XO	XP	XQ	XR	XS	XT	XU	XV	XW	XX	XY	XZ	YA	YB	YC	YD	YE	YF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YY	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS							

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NAME - NO.		U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	IJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NN	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	XG	XH	XI	XJ	XK	XL	XM	XN	XO	XP	XQ	XR	XS	XT	XU	XV	XW	XX	XY	XZ	YA	YB	YC	YD	YE	YF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YY	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ
DEFECT DESCRIPTION		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

UNIT NO.		A/C TYPE	MODEL	DATE	A/C	FUEL	OIL	FLIGHT ID	LOCATION	L	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	JJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NN	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	XG	XH	XI	XJ	XK	XL	XM	XN	XO	XP	XQ	XR	XS	XT	XU	XV	XW	XX	XY	XZ	YA	YB	YC	YD	YE	YF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YY	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	JJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NN	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	XG	XH	XI	XJ	XK	XL	XM	XN	XO	XP	XQ	XR	XS	XT	XU	XV	XW	XX	XY	XZ	YA	YB	YC	YD	YE	YF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU
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NO. REF.		A/C TYPE	DATE	TIME	CNR	A/C	TOTAL	FILED	LOCATION	DEFECT DESCRIPTION												C	S	P	R	E	M	C	A	N	I	D	P	T	Y	M	H	O	N	B	D	E	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	A	C	O	M	P	
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00001003	0720-025	7500	06	12-07	5710	10700	04C-310-0-0-025	CM	EX	0.25	SP	EDY	04DE	302500	PATG	REPAIRED	UN	UN	UN
00000003	0720-025	7500	06	12-07	5730	20025	04C-310-0-0-395	CM	EX	0.75	UN	VIS	UN	NONE	PATG	000	UN	UN	UN
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00015000	0720-025	7530	06	12-07	5730	22303	04C-310-0-0-050	CM	EX	0.50	UN	EDY	04DE	302071	PATG	STOP	0411	UN	MOLE
00015030	0720-025	0702	06	12-07	5730	10700	04C-310-0-0-505	CM	EX	1.00	UN	VIS	UN	NONE	PATG	REPAIRED	UN	UN	UN
00017000	0720-025	7070	06	12-07	5730	20070	04C-310-0-0-301	CM	EX	0.75	UN	VIS	UN	NONE	PATG	01513	UN	UN	UN
00017007	0720-025	7200	06	12-07	5710	23017	04C-310-0-0-000	CM	EX	0.50	UN	VIS	UN	NONE	PATG	REPAIRED	UN	UN	UN
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00010002	0720-025	7530	06	12-07	5730	21133	04C-310-0-0-050	CM	EX	0.75	UN	EDY	04DE	302071	PATG	BOUNTLER	UN	MOLE	UN
00010003	0720-025	7530	06	12-07	5730	21133	04C-310-0-0-330	CM	EX	0.50	UN	EDY	04DE	302071	PATG	BOUNTLER	UN	MOLE	UN
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MM, NO.	D	P	C	A	T	A/C TYPE	MODEL	DATE	TIME	A/C CODE	INITIAL	A/C	ELEMENT ID	LOCATION	E	L	C	A	M	I	P	N	PAGE
MM, NO.	D	P	C	A	T	A/C TYPE	MODEL	DATE	TIME	A/C CODE	INITIAL	A/C	ELEMENT ID	LOCATION	E	L	C	A	M	I	P	N	PAGE
73007000	007	0720-025	1096	01	12-73	5310	20500	FUS-FLH-06H1300	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
73007000	007	0720-025	1096	01	12-72	5310	20500	FUS-FLH-06H050	CO	IN	1.00	000	000	000	000	000	000	000	000	000	000	000	000
73007000	007	0720-025	1096	01	12-72	5310	20500	FUS-FLH-06H1200	CO	IN	77.0	000	000	000	000	000	000	000	000	000	000	000	000
73007000	007	0720-025	1096	01	12-72	5310	20500	FUS-FLH-06H1305	CO	IN	30.0	000	000	000	000	000	000	000	000	000	000	000	000
73007005	007	0720-020	57202	02	05-73	5710	01000	MFC-300-0-0-210	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
01000015	001	0727-023	1097	05	12-73	5310	22000	FUS-MFR-00T-200	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
02000015	002	0727-025	01390	05	01-70	5310	20050	FUS-MFR-00T-200	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
02000010	002	0727-025	0027	00	01-70	5310	19003	FUS-MFR-00T-200	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
02210013	002	0727-020	00700	00	02-70	5310	19055	FUS-MFR-00T-200	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
02210010	002	0727-023	01310	05	02-70	5310	22200	FUS-MFR-010-000	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
03070000	003	0727-020	20020	00	02-70	5310	11731	MFC-310-CEH-300	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
03000003	003	0727-0210	51009	00	02-70	5310	13011	FUS-310-510-200	CO	IN	.50	000	000	000	000	000	000	000	000	000	000	000	000
03110012	003	0727-023	1097	00	02-70	5310	20205	FUS-MEL-06H-700	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
03130000	003	0727-123	1005	00	00-73	5310	21300	FUS-310-00T-320	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
03200007	003	0727-0251	25505	00	03-70	5310	000	FUS-MFR-510-070	CO	IN	.50	000	000	000	000	000	000	000	000	000	000	000	000
03210017	003	0727-023	1003	00	03-70	5310	20077	FUS-MFR-510-050	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
03250000	003	0727-023	1003	00	03-70	5310	20077	FUS-MFR-510-050	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
03270010	003	0727-023	1070	00	03-70	5310	11072	MFC-310-CEH-070	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
04030000	004	0727-023	1070	00	03-70	5310	25757	FUS-MFR-510-050	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
04100010	004	0727-021	12700	00	03-70	5310	17077	MFC-310-CEH-050	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
04150000	004	0727-0251	20005	00	00-70	5310	00000	MFC-310-CEH-200	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
04100000	004	0727-021	00005	00	00-70	5310	10000	MFC-310-CEH-000	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000
04100011	004	0727-0210	53005	00	00-70	5310	13017	FUS-310-MFR-220	CO	IN	2.50	000	000	000	000	000	000	000	000	000	000	000	000
04200011	004	0727-025	01210	00	00-70	5310	20750	FUS-MFR-510-000	CO	IN	0.00	000	000	000	000	000	000	000	000	000	000	000	000

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MR. NO.	A/C TYPE	NO. NO.	C	DATE	TIME	A/C	TOTAL	ELEMENT ID	LOCATION	DEFECT DESCRIPTION										PAGE	
										L	U	C	L	P	D	R	M	E	Y		P
12100003	001	0727-023	1070	05	12-73	5310	21905	105-310-310-297	CM IN	UM											001
12500070	001	0727-220	00710	00	07-73	5700	10950	000-310-100-500	CM IN	UM											001
05000001	001	0727-31	0531	00	03-05	5710	01300	000-310-100-500	CM IN	UM											001
05125002	001	0727-25	0100	00	00-05	5730	03100	000-310-100-500	CM IN	UM											001
05200003	001	0727-23	1972	00	12-05	5710	03031	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1070	00	01-00	5710	03011	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1071	00	01-00	5710	03011	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1072	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1073	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1074	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1075	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1076	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1077	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1078	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1079	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1080	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1081	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1082	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1083	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1084	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1085	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1086	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1087	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1088	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1089	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1090	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1091	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1092	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1093	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1094	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1095	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1096	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1097	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1098	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1099	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001
00010000	001	0727-023	1100	00	12-05	5710	03074	000-310-100-500	CM IN	UM											001

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PAGE 3		DEFECT DESCRIPTION		I		J		K		L		M		N		O		P		Q		R		S		T		U		V		W		X		Y		Z		AA		AB		AC		AD		AE		AF		AG		AH		AI		AJ		AK		AL		AM		AN		AO		AP		AQ		AR		AS		AT		AU		AV		AW		AX		AY		AZ		BA		BB		BC		BD		BE		BF		BG		BH		BI		BJ		BK		BL		BM		BN		BO		BP		BQ		BR		BS		BT		BU		BV		BW		BX		BY		BZ		CA		CB		CC		CD		CE		CF		CG		CH		CI		CJ		CK		CL		CM		CN		CO		CP		CQ		CR		CS		CT		CU		CV		CW		CX		CY		CZ		DA		DB		DC		DD		DE		DF		DG		DH		DI		DJ		DK		DL		DM		DN		DO		DP		DQ		DR		DS		DT		DU		DV		DW		DX		DY		DZ		EA		EB		EC		ED		EE		EF		EG		EH		EI		EJ		EK		EL		EM		EN		EO		EP		EQ		ER		ES		ET		EU		EV		EW		EX		EY		EZ		FA		FB		FC		FD		FE		FF		FG		FH		FI		FJ		FK		FL		FM		FN		FO		FP		FQ		FR		FS		FT		FU		FV		FW		FX		FY		FZ		GA		GB		GC		GD		GE		GF		GG		GH		GI		GJ		GK		GL		GM		GN		GO		GP		GQ		GR		GS		GT		GU		GV		GW		GX		GY		GZ		HA		HB		HC		HD		HE		HF		HG		HH		HI		HJ		HK		HL		HM		HN		HO		HP		HQ		HR		HS		HT		HU		HV		HW		HX		HY		HZ		IA		IB		IC		ID		IE		IF		IG		IH		II		IJ		IK		IL		IM		IN		IO		IP		IQ		IR		IS		IT		IU		IV		IW		IX		IY		IZ		JA		JB		JC		JD		JE		JF		JG		JH		JI		JJ		JK		JL		JM		JN		JO		JP		JQ		JR		JS		JT		JU		JV		JW		JX		JY		JZ		KA		KB		KC		KD		KE		KF		KG		KH		KI		KJ		KL		KM		KN		KO		KP		KQ		KR		KS		KT		KU		KV		KW		KX		KY		KZ		LA		LB		LC		LD		LE		LF		LG		LH		LI		LJ		LK		LM		LN		LO		LP		LQ		LR		LS		LT		LU		LV		LW		LX		LY		LZ		MA		MB		MC		MD		ME		MF		MG		MH		MI		MJ		MK		ML		MM		MN		MO		MP		MQ		MR		MS		MT		MU		MV		MW		MX		MY		MZ		NA		NB		NC		ND		NE		NF		NG		NH		NI		NJ		NK		NL		NM		NN		NO		NP		NQ		NR		NS		NT		NU		NV		NW		NX		NY		NZ		OA		OB		OC		OD		OE		OF		OG		OH		OI		OJ		OK		OL		OM		ON		OO		OP		OQ		OR		OS		OT		OU		OV		OW		OX		OY		OZ		PA		PB		PC		PD		PE		PF		PG		PH		PI		PJ		PK		PL		PM		PN		PO		PP		PQ		PR		PS		PT		PU		PV		PW		PX		PY		PZ		QA		QB		QC		QD		QE		QF		QG		QH		QI		QJ		QK		QL		QM		QN		QO		QP		QQ		QR		QS		QT		QU		QV		QW		QX		QY		QZ		RA		RB		RC		RD		RE		RF		RG		RH		RI		RJ		RK		RL		RM		RN		RO		RP		RQ		RR		RS		RT		RU		RV		RW		RX		RY		RZ		SA		SB		SC		SD		SE		SF		SG		SH		SI		SJ		SK		SL		SM		SN		SO		SP		SQ		SR		SS		ST		SU		SV		SW		SX		SY		SZ		TA		TB		TC		TD		TE		TF		TG		TH		TI		TJ		TK		TL		TM		TN		TO		TP		TQ		TR		TS		TT		TU		TV		TW		TX		TY		TZ		UA		UB		UC		UD		UE		UF		UG		UH		UI		UJ		UK		UL		UM		UN		UO		UP		UQ		UR		US		UT		UU		UV		UW		UX		UY		UZ		VA		VB		VC		VD		VE		VF		VG		VH		VI		VJ		VK		VL		VM		VN		VO		VP		VQ		VR		VS		VT		VU		VV		VW		VX		VY		VZ		WA		WB		WC		WD		WE		WF		WG		WH		WI		WJ		WK		WL		WM		WN		WO		WP		WQ		WR		WS		WT		WU		WV		WW		WX		WY		WZ		XA		XB		XC		XD		XE		XF		XG		XH		XI		XJ		XK		XL		XM		XN		XO		XP		XQ		XR		XS		XT		XU		XV		XW		XX		XY		XZ		YA		YB		YC		YD		YE		YF		YG		YH		YI		YJ		YK		YL		YM		YN		YO		YP		YQ		YR		YS		YT		YU		YV		YW		YX		YZ		ZA		ZB		ZC		ZD		ZE		ZF		ZG		ZH		ZI		ZJ		ZK		ZL		ZM		ZN		ZO		ZP		ZQ		ZR		ZS		ZT		ZU		ZV		ZW		ZX		ZY		ZZ	
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QUALITY OF LIFE AND SALARY IN HEALTH CARE

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UNIT NO.	A/C TYPE	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	JJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LL	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NN	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	XG	XH	XI	XJ	XK	XL	XM	XN	XO	XP	XQ	XR	XS	XT	XU	XV	XW	XX	XY	XZ	YA	YB	YC	YD	YE	YF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YY	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ
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UNIT NO.		A/C TYPE	C	DATE	TIME	A/C	TOTAL	ELEMENT ID	LOCATION	P	M	N	D	S	I	P	M	D	E	C	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C	A	U	S	C	A	E	M	C
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OBJECT DESCRIPTION

UNIT NO.	A/C TYPE	WAVE	DATE	TIME	ALTITUDE	LOCATION	STATUS	REMARKS	SERVICE	INT. BULLETIN	ISSUE	DATE	TIME	ALTITUDE	LOCATION	STATUS	REMARKS	SERVICE	INT. BULLETIN	ISSUE	DATE	TIME	ALTITUDE	LOCATION	STATUS	REMARKS	SERVICE	INT. BULLETIN	ISSUE	DATE	TIME	ALTITUDE	LOCATION	STATUS	REMARKS	SERVICE	INT. BULLETIN	ISSUE	DATE	TIME	ALTITUDE	LOCATION	STATUS	REMARKS	SERVICE	INT. BULLETIN	ISSUE	DATE	TIME	ALTITUDE	LOCATION	STATUS	REMARKS	SERVICE	INT. BULLETIN	ISSUE	DATE	TIME	ALTITUDE	LOCATION	STATUS	REMARKS	SERVICE	INT. BULLETIN	ISSUE	DATE	TIME	ALTITUDE	LOCATION	STATUS	REMARKS	SERVICE	INT. BULLETIN	ISSUE	DATE	TIME	ALTITUDE	LOCATION	STATUS	REMARKS	SERVICE	INT. BULLETIN	ISSUE	DATE	TIME	ALTITUDE	LOCATION	STATUS	REMARKS	SERVICE	INT. BULLETIN	ISSUE	DATE	TIME	ALTITUDE	LOCATION	STATUS	REMARKS	SERVICE	INT. BULLETIN	ISSUE	DATE	TIME	ALTITUDE	LOCATION	STATUS	REMARKS	SERVICE	INT. BULLETIN	ISSUE	DATE	TIME	ALTITUDE	LOCATION	STATUS	REMARKS	SERVICE	INT. 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OBJECT DESCRIPTION

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APPENDIX D
REVISED PROGRAM INPUT DATA
FOR SAIFE DEMONSTRATION PROBLEM

This appendix provides the revised program input used in the final demonstration which was run by the FAA National Field Office. Input data is listed for the aircraft, a representative sample of elements (154 elements out a total of 2076 in the complete airplane) and the full demonstration elements (complete fuselage and wing minus one wing and one side of the fuselage) in the order given. The original input was revised by adding the additional input items called for by the revised model and by revising the original input values where indicated by a an additional review of design and service data.

Aircraft Input Data.

The aircraft input variables are as defined in and are listed in the order given in the revised User's Manual (Volume IV Book 2). Some of the original element input data items which did not vary between elements were changed to aircraft input and vice versa as a matter of convenience or increased flexibility. It should be noted that the program can be easily revised to shift element input data items to aircraft input and vice versa to fit the particular situation being simulated. Also some additional input items were required by the revised computer model. The values for inspection, repair and modification costs were completely revised based on a review of airline engineering and maintenance conference reports. These costs were shifted from element to aircraft input as the same costs applied to all elements.

Element Input Data

The element input variables are as defined in and are listed in the order given in the revised User's Manual (Volume IV Book 2). The major changes and additions to the original element input data are described below:

Element Identification - The element identification was changed to be as follows, to allow for separate element types for fuselage main frames, doors and windows which are primarily loaded by flight loads and to allow for separate element types for critical splices:

PRIMARY LOCATION

-

FUS Fuselage

WNG Wing

WSC Wing Center Section

AIRCRAFT ELEMENT

-

ACC Access

DOR Door

FRM Frame

FRF Frame - Flight Loaded

MFR Main Frame

MFF Main Frame - Flight Loaded

SPR Spar

SPS Spar Splice

SWB Spanwise Beam

SWS Spanwise Beam Splice

WIN Window

RELATIVE LOCATION

-

AFT Aft

CEN Center

FWD Forward

BOT Bottom

SID Side

TOP Top

LSA Lower Surface Aft
LSC Lower Surface Center
LSF Lower Surface Forward
USA Upper Surface Aft
USC Upper Surface Center
USF Upper Surface Forward

Predicted Life - The predicted lives were changed to more closely reflect the variation of fatigue life and stresses throughout the structure. It was recognized that the forward portion of the wing box typically has lower stresses and that fuselage frame elements are typically less affected by maneuvers and gusts than the stringer elements.

Crack Growth Rates and Crack Lengths - These input data were changed to more closely reflect the actual data and additional variables were added to include dwell at the crack stopper and subsequent crack acceleration. Different crack lengths were input for cracks initiating internally than for crack initiating externally where appropriate. The crack length, at which interval cracks became external, was added as an input variable to provide more realism.

Modification Lead Time and Inspection Interval Factors - These variables were shifted to aircraft input as they did not vary between elements.

Loading Spectrum Parameters AMEAN and B - These parameters were varied between element, types and individual elements to account for the variation in type and severity of loading spectra and was based on an industry power spectral density analysis for a narrow body jet transport.

10% SAMPLE INPUT DATA

The following input data represents a 10% sample of the structural elements of a hybrid aircraft. The first five lines of the input data represent aircraft input data which are constant for all structural elements. The order of the aircraft data is that described in Volume 4, Appendix A. After the aircraft data, the structural element input data are repeated in groups of six lines. Each group of structural element data begins with a unique name. The structural element input data are in the order described in Volume 4, Appendix A.

MYSPID
 500 60000 150 50 100 5000 0 100 .001 .0 .8 .4 1.0 .695 1.5
 50 375 .172 .808 5.97 17.34 MD MD 3 .2
 0 1474 .0 .05 .25 4371 4371 4117 3101 1000 1000
 1311 1311 4321 2.75 1.25
 FUS-D00-FRM-0930 120000 9.32E-05 9.34E-04 120. 14. 30.2 1.190E-05 2
 4.094E-00 704 .385 C B
 YES 305 3.070E-07 3.070E-07 9500 19.4
 4.00E-04 1.07E-03 30. 41.
 14. 57.4 60.4
 1000. 1600. 3 .050 -10.72
 FUS-D00-FRF-1205 120000 9.32E-05 9.34E-04 160. 14. 30.2 1.190E-05 2
 4.094E-00 704 .385 C B
 YES 305 3.070E-07 3.070E-07 9500 19.4
 4.00E-04 1.07E-03 30. 41.
 14. 57.4 60.4
 1000. 1600. 2 .050 -10.72
 FUS-STR-S10-0100 660000 1.07E-05 4.17E-04 240. 4.020 19.44 9.400E-05 3
 5.440E-09 .66 .204 D C
 MD .136 1.003E-00 1.793E-00 6500 3.44
 2.27E-04 8.33E-04 14. 16.
 4.02 17.44 19.44
 1000. 3200. 224 .012 -10.72
 FUS-STR-S10-0160 660000 1.07E-05 2.98E-04 240. 4.020 19.44 9.400E-05 3
 5.440E-09 .66 .204 D C
 MD .136 1.003E-00 1.793E-00 6500 3.44
 1.04E-04 4.17E-04 26. 39.
 4.02 9.44 14.44
 1000. 3200. 224 .012 -10.72
 FUS-STR-S10-0500 600200 1.01E-05 4.03E-04 240. 4.020 19.44 9.400E-05 4
 5.440E-09 .66 .204 D C
 MD .136 1.003E-00 1.793E-00 6500 3.44
 2.20E-04 8.00E-04 14. 16.
 4.02 17.44 19.44
 1000. 6400. 224 .015 -10.72
 FUS-STR-S10-0900 280160 4.30E-05 9.76E-04 240. 4.020 19.44 9.400E-05 4
 5.440E-09 .66 .204 D C
 MD .136 1.003E-00 1.793E-00 6500 3.44
 5.33E-04 1.95E-03 14. 16.
 4.02 17.44 19.44
 1000. 6400. 224 .020 -10.72
 FUS-STR-S10-1000 195360 6.37E-05 7.10E-04 240. 4.020 19.44 9.400E-05 4
 5.440E-09 .10 .204 D C
 MD .136 1.003E-00 1.793E-00 6500 19.44
 3.55E-04 1.42E-03 26. 39.
 4.02 9.44 14.44
 1000. 6400. 224 .040 -10.72
 FUS-STR-S10-1020 197580 6.29E-05 1.40E-03 240. 4.020 19.44 9.400E-05 3
 5.440E-09 .66 .204 D C
 MD .136 1.003E-00 1.793E-00 6500 3.44
 7.04E-04 2.01E-03 14. 16.
 4.02 17.44 19.44
 1000. 1600. 224 .040 -10.72
 FUS-STR-S10-1760 157620 7.09E-05 1.76E-03 240. 4.020 19.44 9.400E-05 4
 5.440E-09 .66 .204 D C
 MD .136 1.003E-00 1.793E-00 6500 3.44
 9.40E-04 3.52E-03 14. 16.
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 FUS-STR-S10-1760 175300 7.09E-05 7.91E-04 240. 4.020 19.44 9.400E-05 4
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 MD .136 1.003E-00 1.793E-00 6500 19.44
 3.95E-04 1.50E-03 26. 39.
 4.02 9.44 14.44
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 FUS-STR-S10-2000 444000 2.40E-05 1.12E-04 240. 4.020 19.44 9.400E-05 4

5.44E-09 .00 204 0 C
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5.44E-09 .66 204 0 C
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FUS-STH-TOP-2200 999999 1.24E-05 1.39E-04 240. 4.020 19.44 9.40E-05 4
5.44E-09 .00 204 0 C
NO .136 1.003E-00 1.79E-00 6500 0.00
6.94E-05 2.77E-04 26. 39.
4.02 9.44 12.44
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5.44E-09 .66 204 0 C
NO .136 1.00E-00 1.79E-00 6500 3.44
2.27E-04 8.33E-04 14. 16.
4.02 17.44 19.44
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FUS-STH-TOP-0160 666000 1.07E-05 2.00E-04 240. 4.02 19.44 9.40E-05 3
5.44E-09 .00 204 0 C
NO .136 1.00E-00 1.79E-00 6500 0.00
1.04E-04 4.17E-04 26. 39.
4.02 9.44 12.44
1000. 3200. 112 1.169 -14.03
FUS-STH-TOP-0540 600200 1.01E-05 4.03E-04 240. 4.02 19.44 9.40E-05 4
5.44E-09 .66 204 0 C
NO .136 1.00E-00 1.79E-00 6500 3.44
2.20E-04 8.04E-04 14. 16.
4.02 17.44 19.44
1000. 1600. 112 1.131 -14.03
FUS-STH-TOP-0940 204160 4.30E-05 9.76E-04 240. 4.02 19.44 9.40E-05 4
5.44E-09 .66 204 0 C
NO .136 1.00E-00 1.79E-00 6500 3.44
5.33E-04 1.95E-03 14. 16.
4.02 17.44 19.44
1000. 1600. 112 2.740 -14.03
FUS-STH-TOP-1000 195300 6.37E-05 7.10E-04 240. 4.02 19.44 9.40E-05 4
5.44E-09 .10 204 0 C
YES .136 1.00E-00 1.79E-00 6500 19.44
3.55E-04 1.42E-03 26. 39.
4.02 9.44 12.44
1000. 1600. 112 3.905 -14.03
FUS-STH-TOP-1020 197500 6.29E-05 1.40E-03 240. 4.02 19.44 9.40E-05 4
5.44E-09 .66 204 0 C
NO .136 1.00E-00 1.79E-00 6500 3.44
7.04E-04 2.81E-03 14. 16.
4.02 17.44 19.44
1000. 1600. 112 3.940 -14.03
FUS-STH-TOP-1740 157620 7.09E-05 1.70E-03 240. 4.02 19.44 9.40E-05 4
5.44E-09 .66 204 0 C
NO .136 1.00E-00 1.79E-00 6500 3.44
9.04E-04 3.52E-03 14. 16.
4.02 17.44 19.44
1000. 3200. 112 4.940 -14.03
FUS-STH-TOP-1760 175300 7.09E-05 7.91E-04 240. 4.02 19.44 9.40E-05 4
5.44E-09 .00 204 0 C
NO .136 1.00E-00 1.79E-00 6500 0.00
3.95E-04 1.50E-03 26. 39.
4.02 9.44 12.44
1000. 3200. 112 4.430 -14.03
FUS-STH-TOP-2000 444000 2.00E-05 3.12E-04 240. 4.02 19.44 9.40E-05 4
5.44E-09 .10 204 0 C
NO .136 1.00E-00 1.79E-00 6500 0.00
1.54E-04 6.25E-04 26. 39.
4.02 9.44 12.44
1000. 3200. 112 1.750 -14.03
FUS-STH-TOP-2240 000000 1.24E-05 1.39E-04 240. 4.02 19.44 9.40E-05 4

5.04E-09 00 20.4 0 C
100 136 1.00E-00 1.79E-00 0.500 0.00
6.94E-05 2.77E-04 26. 39.
4.02 9.44 12.44
1000. 3200. 132 0.774 -10.03
FUS-WFM-FRM-0290 470200 1.04E-04 3.73E-04 100. 13.6 14.40 1.190E-05 4
1.110E-00 .44 .05 D C
YES 305 4.022E-09 4.022E-09 5900 6.0
1.07E-04 7.40E-04 19. 22.
13.6 25.0 20.0
1000. 3200. 132 0.19 -10.72
FUS-WFM-FRM-0500 514000 1.97E-05 6.91E-05 100. 6.0 14.40 1.190E-05 4
1.110E-00 .44 .05 D C
YES 305 4.022E-09 4.022E-09 5900 3.4
3.45E-05 1.30E-04 9.5 11.
6.0 12.9 14.4
1000. 3200. 132 0.17 -10.72
FUS-WFM-FRM-1730 180000 5.20E-05 1.07E-04 100. 6.0 14.40 1.190E-05 4
1.110E-00 .44 .05 D C
YES 305 4.022E-09 4.022E-09 5900 3.4
9.35E-05 3.73E-04 9.5 11.
6.0 12.9 14.4
1000. 3200. 132 0.50 -10.72
FUS-WFM-FRM-1750 190100 1.04E-04 3.73E-04 100. 13.6 14.40 1.190E-05 4
1.110E-00 .44 .05 D C
YES 305 4.022E-09 4.022E-09 5900 6.0
1.07E-04 7.40E-04 19. 22.
13.6 25.0 20.0
1000. 3200. 132 0.47 -10.72
FUS-WFM-FRM-1050 225300 4.39E-05 1.50E-04 100. 6.0 14.40 1.190E-05 4
1.110E-00 .44 .05 D C
YES 305 4.022E-09 4.022E-09 5900 3.4
7.00E-05 3.15E-04 9.5 11.
6.0 12.9 14.4
1000. 3200. 132 0.40 -10.72
FUS-WFM-FRM-1010 202010 9.75E-05 3.40E-04 100. 13.6 14.40 1.190E-05 3
1.110E-00 .44 .05 D C
YES 305 4.022E-09 4.022E-09 5900 6.0
1.74E-04 6.99E-04 19. 22.
13.6 25.0 20.0
1000. 3200. 132 0.44 -10.72
FUS-WFM-FRM-1030 204000 4.04E-05 1.74E-04 100. 6.0 14.40 1.190E-05 3
1.110E-00 .44 .05 D C
YES 305 4.022E-09 4.022E-09 5900 3.4
0.71E-05 3.47E-04 9.5 11.
6.0 12.9 14.4
1000. 3200. 132 0.44 -10.72
FUS-WFM-FRM-1449 220500 4.40E-05 1.61E-04 100. 6.0 14.40 1.190E-05 3
1.110E-00 .44 .05 D C
YES 305 4.022E-09 4.022E-09 5900 3.4
0.04E-05 3.21E-04 9.5 11.
6.0 12.9 14.4
1000. 3200. 132 0.41 -10.72
FUS-WFM-FRM-1470 229430 8.02E-05 3.09E-04 100. 13.6 14.40 1.190E-05 3
1.110E-00 .44 .05 D C
YES 305 4.022E-09 4.022E-09 5900 6.0
1.52E-04 6.10E-04 19. 22.
13.6 25.0 20.0
1000. 3200. 132 0.39 -10.72
FUS-WFM-FRM-0260 411010 3.90E-05 1.62E-03 72. 9.40 46.25 6.72E-05 2
0.10E-00 .44 .05 D A
00 130 8.634E-00 8.634E-00 12000 3.25
0.00E-04 3.23E-03 30. 41.
0.00 0.25 44.25
1000. 3200. 112 1.091 -14.83
FUS-WFM-FRM-0290 470200 1.04E-04 3.73E-04 100. 13.6 14.40 1.190E-05 4

0.160E-09 .10 .999 D A
NO .130 8.630E-08 8.630E-08 12000 46.25
4.04E-04 1.62E-03 10. 22.
9.60 21.25 25.25
1000. 3200. 112 1.891 -14.83
FUS-WFR-00T-1000 176490 9.20E-05 1.00E-03 72. 9.60 43.25 6.72E-05 2
8.160E-09 .10 .999 D A
NO .130 8.630E-08 8.630E-08 12000 46.25
9.47E-04 3.74E-03 10. 22.
9.60 21.25 25.25
1000. 3200. 112 4.411 -16.83
FUS-WFR-00T-1070 177000 9.23E-05 3.75E-03 72. 9.60 46.25 6.72E-05 2
8.160E-09 .66 .999 D A
NO .130 8.630E-08 8.630E-08 12000 3.25
1.87E-03 7.49E-03 30. 41.
9.60 41.25 44.25
1000. 3200. 112 4.304 -16.83
FUS-WFR-00T-1720 150730 1.03E-04 2.09E-03 72. 9.60 43.25 6.72E-05 2
8.160E-09 .16 .999 D A
NO .130 8.630E-08 8.630E-08 12000 46.25
1.05E-03 4.19E-03 10. 22.
9.60 21.25 25.25
1000. 1600. 112 4.940 -16.83
FUS-WFR-00T-1740 157620 1.04E-04 4.22E-03 72. 9.60 46.25 6.72E-05 2
8.160E-09 .66 .999 D A
NO .130 8.630E-08 8.630E-08 12000 3.25
2.11E-03 8.44E-03 30. 41.
9.60 41.25 44.25
1000. 1600. 112 4.677 -16.83
FUS-WFR-00T-2340 570010 2.83E-05 1.15E-03 72. 9.60 46.25 6.72E-05 2
6.160E-09 .66 .999 D A
NO .130 8.630E-08 8.630E-08 12000 3.25
5.75E-04 2.30E-03 30. 41.
9.60 41.25 44.25
1000. 1600. 112 1.345 -16.83
FUS-WFR-00T-2360 570010 2.83E-05 5.75E-04 72. 9.60 43.25 6.72E-05 2
8.160E-09 .10 .999 D A
NO .130 8.630E-08 8.630E-08 12000 46.25
2.09E-04 1.15E-03 10. 22.
9.60 21.25 25.25
1000. 1600. 112 1.345 -14.83
FUS-WFR-510-0540 422910 3.87E-05 1.57E-03 72. 9.60 46.25 6.72E-05 4
8.160E-09 .66 .999 D C
NO .130 1.003E-08 1.793E-08 12000 3.25
7.00E-04 3.15E-03 30. 41.
9.60 41.25 44.25
1000. 1600. 174 1.841 -16.83
FUS-WFR-510-0560 434010 3.77E-05 7.64E-04 72. 9.60 43.25 6.72E-05 4
8.160E-09 .1 .999 D C
NO .130 1.003E-08 1.793E-08 12000 46.25
3.85E-04 1.53E-03 10. 22.
9.60 21.25 25.25
1000. 1600. 174 1.794 -16.83
FUS-WFR-510-1720 150730 1.03E-04 2.09E-03 72. 9.60 43.25 6.72E-05 3
8.160E-09 .10 .999 D C
NO .130 1.003E-08 1.793E-08 12000 46.25
1.05E-03 4.19E-03 10. 22.
9.60 21.25 25.25
1000. 3200. 112 4.905 -16.83
FUS-WFR-510-1740 157620 1.04E-04 4.22E-03 72. 9.60 46.25 6.72E-05 3
8.160E-09 .66 .999 D C
NO .130 1.003E-08 1.793E-08 12000 3.25
2.11E-03 8.44E-03 30. 41.
9.60 41.25 44.25
1000. 3200. 174 4.940 -16.83
FUS-WFR-510-2340 570010 2.83E-05 1.15E-03 72. 9.60 43.25 6.72E-05 4

6.100E-09 .10 .999 D C
 MO .130 1.003E-08 1.793E-08 12000 46.25
 5.55E-04 2.21E-03 10. 22.
 9.68 21.25 25.25
 1000. 1000. 112 1.041 -14.03
 FUS-MFR-TOP-2340 570010 2.03E-05 1.15E-03 72. 9.68 46.25 6.72E-05 4
 6.160E-09 .66 .999 D C
 MO .130 1.003E-08 1.793E-08 12000 46.25
 5.75E-04 2.30E-03 30. 41.
 9.68 21.25 25.25
 1000. 1000. 112 1.041 -14.03
 FUS-MFR-TOP-1000 176490 9.20E-05 1.00E-03 72. 9.68 43.25 6.72E-05 4
 6.160E-09 .1 .999 D C
 MO .13 1.003E-08 1.793E-08 12000 46.25
 9.47E-04 3.76E-03 18. 22.
 9.68 21.25 25.25
 1000. 1000. 50 6.411 -14.03
 FUS-MFR-TOP-1020 177600 9.23E-05 3.75E-03 72. 9.68 46.25 6.72E-05 4
 8.10E-09 .66 .999 D C
 MO .13 1.003E-08 1.793E-08 12000 3.25
 1.07E-03 7.49E-03 30. 41.
 9.68 21.25 44.25
 1000. 1000. 50 6.309 -14.03
 FUS-MFR-TOP-1400 195470 8.34E-05 3.44E-03 72. 9.68 46.25 6.72E-05 4
 6.160E-09 .66 .999 D C
 MO .13 1.003E-08 1.793E-08 12000 3.25
 1.72E-03 6.00E-03 30. 41.
 9.68 21.25 44.25
 1000. 1000. 50 3.963 -14.03
 FUS-MFR-TOP-1400 200190 8.16E-05 1.65E-03 72. 9.68 43.25 6.72E-05 4
 6.160E-09 .1 .999 D C
 MO .13 1.003E-08 1.793E-08 12000 46.25
 8.31E-04 3.31E-03 10. 22.
 9.68 21.25 25.25
 1000. 1000. 50 3.076 -14.03
 FUS-MFR-TOP-0200 411010 3.90E-05 1.62E-03 72. 9.68 46.25 6.72E-05 4
 6.160E-09 .66 .999 D C
 MO .130 1.003E-08 1.793E-08 12000 3.25
 6.00E-04 3.23E-03 30. 41.
 9.68 21.25 44.25
 1000. 3200. 112 1.041 -14.03
 FUS-MFR-TOP-0200 411010 3.90E-05 0.00E-04 72. 9.68 43.25 6.72E-05 4
 8.160E-09 .10 .999 D C
 MO .130 1.003E-08 1.793E-08 12000 46.25
 4.04E-04 1.62E-03 10. 22.
 9.68 21.25 25.25
 1000. 3200. 112 1.041 -14.03
 FUS-MFR-TOP-0500 422010 3.87E-05 1.57E-03 72. 9.68 46.25 6.72E-05 4
 6.160E-09 .66 .999 D C
 MO .130 1.003E-08 1.793E-08 12000 3.25
 7.04E-04 3.15E-03 30. 41.
 9.68 21.25 44.25
 1000. 1000. 112 1.041 -14.03
 FUS-MFR-TOP-0500 434010 3.77E-05 7.66E-04 72. 9.68 43.25 6.72E-05 4
 6.160E-09 .10 .999 D C
 MO .136 1.003E-08 1.793E-08 12000 46.25
 3.85E-04 1.53E-03 10. 22.
 9.68 21.25 25.25
 1000. 1000. 112 1.041 -14.03
 FUS-MFR-TOP-1000 176490 9.20E-05 1.00E-03 72. 9.68 43.25 6.72E-05 4
 6.160E-09 .10 .999 D C
 MO .130 1.003E-08 1.793E-08 12000 46.25
 9.47E-04 3.76E-03 18. 22.
 9.68 21.25 25.25
 1000. 1000. 112 6.411 -14.03
 FUS-MFR-TOP-1020 177600 9.23E-05 3.75E-03 72. 9.68 46.25 6.72E-05 4

8.160E-09 .66 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 3.25
 1.07E-03 7.49E-03 30. 61.
 9.60 61.25 44.25
 1000. 1600. 112 4.304 -14.03
 FUS-WFB-TOP-1720 158730 1.03E-04 2.09E-03 72. 9.60 43.25 6.720E-05 4
 8.160E-09 .10 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 1.05E-03 4.19E-03 10. 22.
 9.60 21.25 25.25
 1000. 4800. 112 4.905 -14.03
 FUS-WFB-TOP-1740 157620 1.04E-04 4.22E-03 72. 9.60 46.25 6.720E-05 4
 8.160E-09 .66 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 3.25
 2.11E-03 8.44E-03 30. 61.
 9.60 61.25 44.25
 1000. 4800. 112 4.940 -14.03
 FUS-WFB-TCP-2000 300010 5.45E-05 1.11E-03 72. 9.60 43.25 6.720E-05 4
 8.160E-09 .10 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 5.55E-04 2.21E-03 10. 22.
 9.60 21.25 25.25
 1000. 7200. 112 2.509 -14.03
 FUS-WFB-TOP-2340 570010 2.03E-05 1.15E-03 72. 9.60 46.25 6.720E-05 4
 8.160E-09 .66 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 3.25
 5.75E-04 1.15E-03 30. 61.
 9.60 61.25 44.25
 1000. 7200. 112 1.345 -14.03
 WMS-STR-USF-0294 750000 9.07E-05 2.16E-05 442. 5.16 13.0 2.13E-05 3
 2.10E-09 .231 .619 D 0
 NO .065 2.00E-00 2.00E-00 7200 35.0
 5.44E-05 4.34E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 4800. 120 .010 -30.05
 WMS-STR-USF-0319 732000 2.00E-04 6.13E-04 420. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .619 D 0
 NO .065 2.00E-00 2.00E-00 7200 35.0
 1.54E-04 1.23E-04 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 120 .010 -30.05
 WMS-STR-USF-0470 400400 1.53E-04 6.70E-05 342. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .619 D 0
 NO .045 2.00E-00 2.00E-00 7200 3.0
 0.40E-05 1.34E-03 10.2 12.0
 5.16 10.0 15.0
 1000. 1600. 120 .010 -30.05
 WMS-STR-USF-0485 500100 1.47E-04 3.22E-04 330. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .619 D 0
 NO .045 2.00E-00 2.00E-00 7200 35.0
 0.11E-05 4.44E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 120 .010 -30.05
 WMS-STR-USF-0507 703000 9.75E-05 4.20E-05 200. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .619 D 0
 NO .045 2.00E-00 2.00E-00 7200 3.0
 5.37E-05 0.57E-04 10.2 12.0
 5.16 10.0 15.0
 1000. 1600. 120 .010 -30.05
 WMS-STR-USF-0710 701440 9.53E-05 2.09E-04 206. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .619 D 0
 NO .045 2.00E-00 2.00E-00 7200 35.0
 5.25E-05 4.19E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 120 .010 -30.05
 WMS-STR-USF-0801 000000 9.70E-05 1.45E-04 230. 6.16 13.0 2.13E-05 4

2.10E-09 .000 .419 0 0
MO .005 2.00E-00 2.00E-00 7200 35.0
2.05E-05 1.64E-05 5.16 7.0
5.16 8.94 10.0
1000. 6400. 120 .004 -30.05
WMC-S7R-USF-0945 999999 3.72E-05 1.64E-05 229. 5.16 15.0 2.13E-05 4
2.10E-09 .462 .419 0 0
MO .005 2.00E-00 2.00E-00 7200 3.0
2.05E-05 3.27E-04 10.2 12.0
5.16 14.0 15.0
1000. 6400. 120 .004 -30.05
WMC-S7R-USF-1112 999999 3.27E-05 8.10E-05 203. 5.16 15.0 2.13E-05 4
2.10E-09 .462 .419 0 0
MO .005 2.00E-00 2.00E-00 7200 3.0
2.05E-05 1.64E-05 10.2 12.0
5.16 14.0 15.0
1000. 6400. 120 .004 -30.05
WMC-S7R-USC-0324 355200 2.10E-04 9.21E-04 416. 5.16 15.0 2.13E-05 4
2.10E-09 .231 .419 0 0
MO .005 2.00E-00 2.00E-00 7200 3.0
1.10E-04 1.04E-03 10.2 12.0
5.16 14.0 15.0
1000. 1600. 116 .022 -30.05
WMC-S7R-USC-0330 344100 2.10E-04 4.74E-04 405. 5.16 13.0 2.13E-05 4
2.10E-09 0. .419 0 0
MO .005 2.00E-00 2.00E-00 7200 35.0
1.10E-04 9.51E-03 5.16 7.0
5.16 8.94 10.0
1000. 1600. 116 .023 -30.05
WMC-S7R-USC-0470 244200 3.05E-04 1.34E-04 342. 5.16 15.0 2.13E-05 4
2.10E-09 .462 .419 0 0
MO .005 2.00E-00 2.00E-00 7200 3.0
1.00E-04 2.00E-03 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .032 -30.05
WMC-S7R-USC-0405 253000 2.94E-04 6.45E-04 330. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 0 0
MO .005 2.00E-00 2.00E-00 7200 35.0
1.02E-04 1.29E-04 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .031 -30.05
WMC-S7R-USC-0497 301040 1.95E-04 8.57E-05 291. 5.16 15.0 2.13E-05 4
2.10E-09 .462 .419 0 0
MO .005 2.00E-00 2.00E-00 7200 3.0
1.07E-04 1.71E-03 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .020 -30.05
WMC-S7R-USC-0710 390720 1.91E-04 4.17E-04 200. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 0 0
MO .005 2.00E-00 2.00E-00 7200 35.0
1.05E-04 8.37E-05 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .020 -30.05
WMC-S7R-USC-0931 999999 7.45E-05 1.43E-04 234. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 0 0
MO .005 2.00E-00 2.00E-00 7200 35.0
4.10E-05 3.27E-05 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .000 -30.05
WMC-S7R-USC-0945 999999 7.45E-05 3.27E-05 229. 5.16 15.0 2.13E-05 4
2.10E-09 .462 .419 0 0
MO .005 2.00E-00 2.00E-00 7200 3.0
4.10E-05 6.45E-04 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .000 -30.05
WMC-S7R-USC-1112 000000 7.45E-05 1.43E-04 104. 5.16 13.0 2.13E-05 4

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2.10E-09 .462 .019 0 0
 NO .005 2.00E-08 2.00E-08 7200 3.0
 4.10E-05 3.27E-05 10.2 12.0
 5.16 14.0 15.0
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 WMC-57R-USC-1126 999999 7.45E-05 3.27E-05 191. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .019 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 4.10E-05 6.54E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 116 .000 -30.05
 WMC-57R-USC-1353 333000 2.24E-04 4.9E-05 393. 5.16 13.0 2.13E-05 3
 2.10E-09 .231 .019 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 1.23E-04 9.85E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 1600. 112 .024 -30.05
 WMC-57R-USC-1360 321900 2.31E-04 5.07E-04 381. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .019 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 1.27E-04 1.02E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .020 -30.05
 WMC-57R-USC-0470 244200 3.05E-04 1.34E-04 342. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .019 0 0
 NO .005 2.00E-08 2.00E-08 7200 3.0
 1.60E-04 2.60E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .032 -30.05
 WMC-57R-USC-0405 253000 2.94E-04 6.45E-04 330. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .019 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 1.42E-04 1.29E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .031 -30.05
 WMC-57R-USC-0697 301000 1.95E-04 8.57E-05 200. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .019 0 0
 NO .005 2.00E-08 2.00E-08 7200 3.0
 1.07E-04 1.71E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .020 -30.05
 WMC-57R-USC-0710 390720 1.91E-04 4.17E-04 206. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .019 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 1.02E-04 8.37E-05 5.16 7.0
 5.16 8.94 10.0
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 WMC-57R-USC-0931 999999 7.45E-05 1.63E-04 234. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .019 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 4.10E-05 3.27E-05 5.16 7.0
 5.16 8.94 10.0
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 WMC-57R-USC-0945 999999 7.45E-05 3.27E-05 229. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .019 0 0
 NO .005 2.00E-08 2.00E-08 7200 3.0
 4.10E-05 6.54E-04 10.2 12.0
 5.16 14.0 15.0
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 WMC-57R-USC-1112 999999 7.45E-05 3.27E-05 194. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .019 0 0
 NO .005 2.00E-08 2.00E-08 7200 3.0
 4.10E-05 6.54E-04 10.2 12.0
 5.16 14.0 15.0
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 WMC-57R-USC-1114 000000 7.45E-05 3.27E-05 191. 5.16 15.0 2.13E-05 4

2.10E-09 .000 .419 0 0
M0 .005 2.00E-00 2.00E-00 7200 35.0
4.10E-05 3.27E-05 5.16 7.0
5.16 8.94 10.0
1000. 6400. 112 .000 -30.05
M0G-S1R-L5F-0294 400240 1.35E-05 3.37E-04 442. 5.16 15.0 2.13E-05 4
2.10E-09 .231 .419 0 A
M0 .005 2.00E-00 2.00E-00 7200 3.0
4.15E-05 6.75E-04 10.2 12.0
5.16 14.0 15.0
1000. 6400. 120 .093 -0.01
M0G-S1R-L5F-0319 400240 1.35E-05 1.60E-04 420. 5.16 15.0 2.13E-05 4
2.10E-09 .000 .419 0 A
M0 .005 2.00E-00 2.00E-00 7200 0.0
6.75E-05 1.93E-04 5.16 7.0
5.16 8.94 10.0
1000. 6400. 120 .093 -0.01
M0G-S1R-L5F-0752 314040 2.07E-05 5.15E-04 276. 5.16 15.0 2.13E-05 4
2.10E-09 .442 .419 0 A
M0 .005 2.00E-00 2.00E-00 7200 3.0
6.45E-05 1.03E-03 10.2 12.0
5.16 14.0 15.0
1000. 1600. 120 .142 -0.01
M0G-S1R-L5F-0766 314040 2.07E-05 2.57E-04 272. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 0 A
M0 .005 2.00E-00 2.00E-00 7200 0.0
6.45E-05 5.15E-04 5.16 7.0
5.16 8.94 10.0
1000. 1600. 120 .142 -0.01
M0G-S1R-L5F-0945 309160 1.67E-05 4.16E-04 229. 5.16 15.0 2.13E-05 4
2.10E-09 .442 .419 0 A
M0 .005 2.00E-00 2.00E-00 7200 3.0
5.21E-05 0.33E-04 10.2 12.0
5.16 14.0 15.0
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M0G-S1R-L5F-0950 307440 1.63E-05 2.03E-04 227. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 0 A
M0 .005 2.00E-00 2.00E-00 7200 0.0
5.11E-05 4.00E-04 5.16 7.0
5.16 8.94 10.0
1000. 1600. 120 .113 -0.01
M0G-S1R-L5F-1112 400520 1.33E-05 3.37E-04 194. 5.16 15.0 2.13E-05 4
2.10E-09 .442 .419 0 A
M0 .005 2.00E-00 2.00E-00 7200 3.0
4.15E-05 6.63E-04 10.2 12.0
5.16 14.0 15.0
1000. 1600. 120 .092 -0.01
M0G-S1R-L5F-1114 01200 1.33E-05 1.65E-04 191. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 0 A
M0 .005 2.00E-00 2.00E-00 7200 0.0
4.13E-05 3.30E-04 5.16 7.0
5.16 8.94 10.0
1000. 1600. 120 .091 -0.01
M0G-S1R-L5F-0324 240120 2.71E-05 6.75E-04 416. 5.16 15.0 2.13E-05 4
2.10E-09 .231 .419 0 A
M0 .005 2.00E-00 2.00E-00 7200 3.0
6.45E-05 1.35E-03 10.2 12.0
5.16 14.0 15.0
1000. 4000. 116 .100 -0.01
M0G-S1R-L5F-0330 240124 2.71E-05 3.37E-04 405. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 0 A
M0 .005 2.00E-00 2.00E-00 7200 0.0
6.45E-05 3.37E-04 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .100 -0.01
M0G-S1R-L5F-0752 314040 2.07E-05 5.15E-04 276. 5.16 15.0 2.13E-05 4

2.10E-09 .462 .419 0 A
 00 .005 2.00E-08 2.00E-08 7200 3.0
 1.29E-04 2.00E-03 10.2 12.0
 5.16 10.0 15.0
 1000. 1000. 116 .204 -0.01
 000-570-15C-0766 157300 4.13E-05 5.14E-04 272. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 A
 00 .005 2.00E-08 2.00E-08 7200 0.0
 1.29E-04 1.03E-03 5.16 7.0
 5.16 0.94 10.0
 1000. 1000. 116 .204 -0.01
 000-570-15C-0765 150500 3.34E-05 0.33E-04 229. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 0 A
 00 .005 2.00E-08 2.00E-08 7200 3.0
 1.04E-04 1.07E-03 10.2 12.0
 5.16 10.0 15.0
 1000. 1000. 116 .229 -0.01
 000-570-15C-0750 190720 3.27E-05 4.07E-04 227. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 A
 00 .005 2.00E-08 2.00E-08 7200 0.0
 1.07E-04 0.15E-04 5.16 7.0
 5.16 0.94 10.0
 1000. 1000. 116 .225 -0.01
 000-570-15C-1112 244260 2.66E-05 6.63E-04 104. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 0 A
 00 .005 2.00E-08 2.00E-08 7200 3.0
 0.31E-05 1.33E-03 10.2 12.0
 5.16 10.0 15.0
 1000. 1000. 116 .103 -0.01
 000-570-15C-1126 205600 2.65E-05 3.29E-04 101. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 A
 00 .005 2.00E-08 2.00E-08 7200 0.0
 0.20E-05 6.60E-04 5.16 7.0
 5.16 0.94 10.0
 1000. 1000. 116 .102 -0.01
 000-570-15C-0353 157320 4.13E-05 1.03E-03 303. 5.16 13.0 2.13E-05 3
 2.10E-09 .231 .419 0 A
 00 .005 2.00E-08 2.00E-08 7200 15.0
 1.29E-04 2.00E-03 10.2 12.0
 5.16 10.0 15.0
 1000. 1000. 4 .204 -0.00
 000-570-15C-0360 157320 4.13E-05 5.14E-04 301. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 A
 00 .005 2.00E-08 2.00E-08 7200 0.0
 1.29E-04 1.03E-03 5.16 7.0
 5.16 0.94 10.0
 1000. 1000. 4 .204 -0.00
 000-570-15C-0362 240120 2.71E-05 4.75E-04 370. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 0 A
 00 .005 2.00E-08 2.00E-08 7200 3.0
 1.04E-05 1.33E-03 10.2 12.0
 5.16 10.0 15.0
 1000. 1000. 100 .100 -0.00
 000-570-15C-0307 240120 2.71E-05 3.37E-04 365. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 A
 00 .005 2.00E-08 2.00E-08 7200 0.0
 0.42E-05 3.37E-04 5.16 7.0
 5.16 0.94 10.0
 1000. 1000. 100 .100 -0.00
 000-570-15C-0352 157320 4.13E-05 1.03E-03 276. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 0 A
 00 .005 2.00E-08 2.00E-08 7200 3.0
 1.29E-04 2.00E-03 10.2 12.0
 5.16 10.0 15.0
 1000. 1000. 100 .200 -0.00
 000-570-15C-0364 167020 4.13E-05 4.10E-04 373. 5.16 13.0 2.13E-05 4

2.10E-09 .000 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 0.0
 1.20E-04 1.03E-03 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 100 .204 -0.00
 WMS-S7R-15A-0955 194500 3.34E-05 0.33E-04 229. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 0.0
 1.04E-04 1.67E-03 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 100 .229 -0.00
 WMS-S7R-15A-0956 190720 3.27E-05 4.07E-04 227. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 3.0
 1.02E-04 0.15E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 100 .225 -0.00
 WMS-S7R-15A-1100 244260 2.66E-05 6.63E-04 194. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 0.0
 0.31E-05 1.33E-03 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 100 .103 -0.01
 WMS-S7R-15A-1126 245040 2.65E-05 3.29E-04 191. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 3.0
 0.26E-05 6.60E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 100 .102 -0.01
 WMS-S7R-15A-0294 930400 1.26E-05 5.10E-04 442. 5.0 19.2 2.13E-05 3
 4.90E-10 .454 .825 C
 MD .053 1.46E-00 2.00E-00 6900 15.0
 1.03E-04 1.04E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 4000. 120 .040 -0.00
 WMS-S7R-F00-0219 910000 1.30E-05 5.33E-04 420. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MD .053 1.46E-00 2.00E-00 6900 3.7
 1.04E-04 1.07E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 120 .049 -0.00
 WMS-S7R-F00-0470 607200 1.95E-05 0.00E-04 342. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MD .053 1.46E-00 2.00E-00 6900 3.7
 1.50E-04 1.60E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .074 -0.00
 WMS-S7R-F00-0405 629200 1.00E-05 7.72E-04 330. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MD .053 1.46E-00 2.00E-00 6900 3.7
 1.53E-04 1.54E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .071 -0.00
 WMS-S7R-F00-0794 999999 1.16E-05 4.70E-04 269. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MD .053 1.46E-00 2.00E-00 6900 3.7
 9.40E-05 9.57E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .030 -0.00
 WMS-S7R-F00-0007 999999 1.10E-05 4.70E-04 265. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MD .053 1.46E-00 2.00E-00 6900 3.7
 9.40E-05 9.57E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .033 -0.00
 WMS-S7R-F00-1112 000000 1.10E-05 4.70E-04 264. 5.00 19.2 2.13E-05 3

6.94E-10 .454 .825 C
 NO .853 1.44E-08 2.00E-08 6900 3.7
 9.48E-05 9.57E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 1000. 128 .022 -0.00
 WMS-SPA-CEN-1126 999999 1.16E-05 4.70E-04 191. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C
 NO .853 1.44E-08 2.00E-08 6900 3.7
 9.48E-05 9.57E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 1000. 128 .022 -0.00
 WMS-SPA-CEN-1126 240120 2.71E-05 6.75E-04 416. 5.29 15.9 2.13E-05 4
 6.94E-10 .454 .825 D A
 NO .853 1.44E-08 2.00E-08 6900 3.9
 8.45E-05 1.35E-03 10.2 12.0
 5.29 16.1 15.0
 1000. 4000. 116 .100 -0.00
 WMS-SPA-CEN-0330 240120 2.71E-05 6.75E-04 405. 5.29 15.9 2.13E-05 4
 6.94E-10 .454 .825 D A
 NO .853 1.44E-08 2.00E-08 6900 3.9
 8.45E-05 1.35E-03 10.2 12.0
 5.29 16.1 15.0
 1000. 3200. 116 .200 -0.00
 WMS-SPA-CEN-0752 157320 4.13E-05 1.03E-03 276. 5.29 15.9 2.13E-05 4
 6.94E-10 .454 .825 D A
 NO .853 1.44E-08 2.00E-08 6900 3.9
 1.29E-04 2.00E-03 10.2 12.0
 5.29 16.1 15.0
 1000. 3200. 116 .200 -0.00
 WMS-SPA-CEN-0752 157320 4.13E-05 1.03E-03 272. 5.29 15.9 2.13E-05 4
 6.94E-10 .454 .825 D A
 NO .853 1.44E-08 2.00E-08 6900 3.9
 1.29E-04 2.00E-03 10.2 12.0
 5.29 16.1 15.0
 1000. 3200. 116 .200 -0.00
 WMS-SPA-CEN-0945 194500 3.34E-05 8.33E-04 229. 5.29 15.9 2.13E-05 4
 6.94E-10 .454 .825 D A
 NO .853 1.44E-08 2.00E-08 6900 3.9
 1.04E-04 1.87E-03 10.2 12.0
 5.29 16.1 15.0
 1000. 3200. 116 .230 -0.00
 WMS-SPA-CEN-0950 190720 3.27E-05 8.15E-04 227. 5.29 15.9 2.13E-05 4
 6.94E-10 .454 .825 D A
 NO .853 1.44E-08 2.00E-08 6900 3.9
 1.02E-04 1.83E-03 10.2 12.0
 5.29 16.1 15.0
 1000. 3200. 116 .225 -0.00
 WMS-SPA-CEN-1112 244200 2.64E-05 6.63E-04 194. 5.29 15.9 2.13E-05 4
 6.94E-10 .454 .825 D A
 NO .853 1.44E-08 2.00E-08 6900 3.9
 8.31E-05 1.33E-03 10.2 12.0
 5.29 16.1 15.0
 1000. 3200. 116 .183 -0.00
 WMS-SPA-CEN-1126 245400 2.65E-05 6.60E-04 191. 5.29 15.9 2.13E-05 4
 6.94E-10 .454 .825 D A
 NO .853 1.44E-08 2.00E-08 6900 3.9
 8.20E-05 1.33E-03 10.2 12.0
 5.29 16.1 15.0
 1000. 3200. 116 .182 -0.00
 WMS-SPA-CEN-0753 157320 7.51E-05 3.09E-03 393. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C
 YES .053 1.44E-08 2.00E-08 6900 15.0
 6.12E-04 6.10E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1000. 4 .200 -0.00
 WMS-CEN-0752 157320 7.51E-05 3.09E-03 393. 5.00 19.2 2.13E-05 3

6.90E-10 .054 .025 C A
 NO .053 1.44E-08 2.00E-00 6900 3.7
 6.12E-04 6.10E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 100 .045 -0.00
 WMC-SPO-AFT-0470 303600 3.09E-05 1.60E-03 342. 5.00 19.2 2.13E-05 3
 6.90E-10 .054 .025 C A
 NO .053 1.44E-08 2.00E-00 6900 3.7
 3.17E-04 3.20E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 100 .147 -0.00
 WMC-SPO-AFT-0495 314400 3.75E-05 1.54E-03 338. 5.00 19.2 2.13E-05 3
 6.90E-10 .054 .025 C A
 NO .053 1.44E-08 2.00E-00 6900 3.7
 3.04E-04 3.09E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 100 .142 -0.00
 WMC-SPO-AFT-0493 443600 2.55E-05 1.05E-03 291. 5.00 19.2 2.13E-05 3
 6.90E-10 .054 .025 C A
 NO .053 1.44E-08 2.00E-00 6900 3.7
 2.00E-04 2.10E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 100 .096 -0.00
 WMC-SPO-AFT-0497 474720 2.49E-05 1.02E-03 280. 5.00 19.2 2.13E-05 3
 6.90E-10 .054 .025 C A
 NO .053 1.44E-08 2.00E-00 6900 3.7
 2.03E-04 2.05E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 100 .045 -0.00
 WMC-SPO-AFT-0517 999999 1.10E-05 4.00E-04 239. 5.00 19.2 2.13E-05 3
 6.90E-10 .054 .025 C A
 NO .053 1.44E-08 2.00E-00 6900 3.7
 9.62E-05 9.72E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 100 .045 -0.00
 WMC-SPO-AFT-1112 999999 1.10E-05 4.00E-04 194. 5.00 19.2 2.13E-05 3
 6.90E-10 .054 .025 C A
 NO .053 1.44E-08 2.00E-00 6900 3.7
 9.62E-05 9.72E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 100 .045 -0.00
 WMC-SPO-AFT-1120 999999 1.10E-05 4.00E-04 191. 5.00 19.2 2.13E-05 3
 6.90E-10 .054 .025 C A
 NO .053 1.44E-08 2.00E-00 6900 3.7
 9.62E-05 9.72E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 100 .045 -0.00
 WMC-SPO-AFT-15F-0030 306400 1.60E-05 2.00E-04 400. 5.16 13.0 3.39E-05 4
 0.10 .052 0 C
 NO .220 4.00E-08 2.34E-07 4200 160.0
 5.25E-05 4.19E-04 5.16 7.0
 5.16 0.94 10.0
 1000. 0400. 9 .020 -0.01
 WMC-SPO-AFT-15F-0040 303600 2.14E-05 5.34E-04 400. 5.16 15.0 3.39E-05 4
 0.10 .052 0 C
 NO .220 4.00E-08 2.34E-07 4200 160.0
 5.25E-05 1.07E-03 10.2 12.0
 5.16 10.0 15.0
 1000. 0400. 9 .023 -0.01
 WMC-SPO-AFT-15F-0040 303600 2.14E-05 5.34E-04 400. 5.16 15.0 3.39E-05 4

0. .5 .652 D C
 WD .220 4.86E-08 2.34E-07 4200 88.0
 5.25E-05 5.39E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 9 .020 -0.01
 WSC-SIN-LSC-0060 303000 2.14E-05 2.66E-04 480. 5.15 13.0 3.39E-05 4
 0. .5 .652 D C
 WD .220 4.86E-08 2.34E-07 4200 88.0
 5.40E-04 5.34E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 9 .023 -0.01
 WSC-SIN-LSA-0000 496000 1.31E-05 1.63E-04 480. 5.16 13.0 3.39E-05 4
 0. .0 .652 D C
 WD .220 4.86E-08 2.34E-07 4200 0.0
 4.09E-05 3.26E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 9 .009 -0.01
 WSC-SIN-FSD-0060 662400 1.78E-05 7.33E-04 480. 5.0 19.2 1.19E-05 4
 1.33E-08 1.0 .667 D C
 WD .056 9.15E-09 7.53E-08 7400 240.
 1.45E-04 1.47E-03 13.0 15.5
 5.0 17.5 19.2
 1000. 6400. 9 .254 -0.01
 WSC-SIN-CEM-0000 662400 9.01E-06 2.45E-04 480. 5.29 19.2 1.19E-05 4
 1.33E-08 .466 .667 D C
 WD .056 9.15E-09 7.53E-08 7400 3.9
 3.06E-05 4.89E-04 10.2 12.0
 5.29 14.1 15.0
 1000. 6400. 9 .254 -0.01
 WSC-SIN-AFT-0000 745200 1.59E-05 6.52E-04 480. 5.0 19.2 1.19E-05 4
 1.33E-08 .466 .667 D C
 WD .056 9.15E-09 7.53E-08 7400 3.9
 1.29E-04 1.30E-04 13.0 15.5
 5.0 17.5 19.2
 1000. 3200. 7 .06 -0.01
 WSC-SIN-AFT-0127 157320 7.51E-05 3.09E-03 400. 5.0 19.2 1.19E-05 4
 1.33E-08 .466 .667 D C
 WD .056 9.15E-09 7.53E-08 7400 15.0
 6.12E-04 6.10E-03 13.0 15.5
 5.0 17.5 19.2
 1000. 1000. 2 .204 -0.01
 WMS-ACC-FRM-4520 240120 5.41E-05 6.75E-04 442. 9.01 10.9 1.19E-05 4
 2.10E-09 .357 .305 D A
 YES .305 3.07E-07 3.07E-07 9500 3.0
 0.45E-05 1.35E-03 10.2 12.0
 9.01 14.0 15.0
 1000. 1000. 22 .106 -0.00
 WMS-ACC-FRM-4972 240120 2.71E-05 3.70E-04 420. 5.00 10.9 1.19E-05 4
 2.10E-09 .357 .305 D A
 WD .305 3.07E-07 3.07E-07 9500 1.9
 4.23E-05 6.75E-04 5.1 6.0
 5.0 7.0 7.00
 1000. 1000. 22 .106 -0.00
 WMS-ACC-FRM-1252 204240 3.19E-05 4.35E-04 335. 5.0 10.9 1.19E-05 4
 2.10E-09 .357 .305 D A
 YES .305 3.07E-07 3.07E-07 9500 1.9
 4.97E-05 7.90E-04 5.1 6.0
 5.0 7.0 7.00
 1000. 1000. 22 .219 -0.00
 WMS-ACC-FRM-1517 157320 0.24E-05 1.03E-03 272. 9.01 10.9 1.19E-05 4
 2.10E-09 .357 .305 D A
 WD .305 3.07E-07 3.07E-07 9500 1.9
 1.25E-04 2.04E-03 5.1 6.0
 5.0 7.0 7.00
 1000. 1000. 22 .204 -0.00
 rms

FULL AIRCRAFT INPUT DATA

The following input data represents the structural elements of a hybrid aircraft. The first five lines of the input data represent aircraft input data which are constant for all structural elements. The order of the aircraft data is that described in Volume 4, Appendix A. After the aircraft data, the structural element input data are repeated in groups of six lines. Each group of structural element data begins with a unique name. The structural element input data are in the order described in Volume 4, Appendix A.

HYPERBID	500	60000	150	50	100	5000	0	100	.001	0	100	.0	1.0	0.0	1.5
	500	375	1172	.064	5.97	17.34	NO	NO	3	2					
	0	1476	0	.65	.25	4371	4117	3101	1000	1000					
	1311	1311	4321	2.75	1.25										
	FUS-D00-FM-	0444	12000	9.32E-05	9.34E-04	120.	14.	30.2	1.190E-05	2					
	4.004E-00	760	305	C											
	YES	305	3.070E-07	3.070E-07	9500	19.4									
	4.004E-04	1.07E-03	30.	41.											
	14.	57.4	60.4												
	1000.	1000.	0	.050	-10.72										
	FUS-D00-FM-	0430	12000	9.32E-05	9.34E-04	120.	14.	30.2	1.190E-05	2					
	4.004E-00	760	305	C											
	YES	305	3.070E-07	3.070E-07	9500	19.4									
	4.004E-04	1.07E-03	30.	41.											
	14.	57.4	60.4												
	1000.	1000.	0	.050	-10.72										
	FUS-D00-FM-	0426	12000	9.32E-05	9.34E-04	120.	14.	30.2	1.190E-05	2					
	4.004E-00	760	305	C											
	YES	305	3.070E-07	3.070E-07	9500	19.4									
	4.004E-04	1.07E-03	30.	41.											
	14.	57.4	60.4												
	1000.	1000.	0	.050	-10.72										
	FUS-D00-FM-	0419	12000	9.32E-05	9.34E-04	120.	14.	30.2	1.190E-05	2					
	4.004E-00	760	305	C											
	YES	305	3.070E-07	3.070E-07	9500	19.4									
	4.004E-04	1.07E-03	30.	41.											
	14.	57.4	60.4												
	1000.	1000.	0	.050	-10.72										
	FUS-D00-FM-	0410	12000	9.32E-05	9.34E-04	120.	14.	30.2	1.190E-05	2					
	4.004E-00	760	305	C											
	YES	305	3.070E-07	3.070E-07	9500	19.4									
	4.004E-04	1.07E-03	30.	41.											
	14.	57.4	60.4												
	1000.	1000.	0	.050	-10.72										
	FUS-D00-FM-	0400	12000	9.32E-05	9.34E-04	120.	14.	30.2	1.190E-05	2					
	4.004E-00	760	305	C											
	YES	305	3.070E-07	3.070E-07	9500	19.4									
	4.004E-04	1.07E-03	30.	41.											
	14.	57.4	60.4												
	1000.	1000.	0	.050	-10.72										
	FUS-D00-FM-	0390	12000	9.32E-05	9.34E-04	120.	14								

[illegible]

5.440E-09 .66 .284 D C			
MO .136 1.003E-08 1.793E-09 6500 3.44			
2.27E-04 0.13E-04 14. 16.			
4.02 17.44 19.44			
1000. 3200. 224 .012 -10.72			
FUS-SIR-SID-0400 666000 1.07E-05 2.08E-04 240. 4.020 19.44 9.400E-05 3			
5.440E-09 .00 .204 D C			
MO .136 1.003E-08 1.793E-09 6500 0.00			
1.04E-04 4.17E-04 26. 39.			
4.02 9.44 12.44			
1000. 3200. 224 .012 -10.72			
FUS-SIR-SID-0500 666000 1.07E-05 4.17E-04 240. 4.020 19.44 9.400E-05 3			
5.440E-09 .66 .284 D C			
MO .136 1.003E-08 1.793E-09 6500 3.44			
2.27E-04 0.13E-04 14. 16.			
4.02 17.44 19.44			
1000. 3200. 224 .012 -10.72			
FUS-SIR-SID-0520 666000 1.07E-05 2.08E-04 240. 4.020 19.44 9.400E-05 3			
5.440E-09 .10 .204 D C			
MO .136 1.003E-08 1.793E-09 6500 19.44			
1.04E-04 4.17E-04 26. 39.			
4.02 9.44 12.44			
1000. 3200. 224 .012 -10.72			
FUS-SIR-SID-0540 666200 1.01E-05 4.03E-04 240. 4.020 19.44 9.400E-05 4			
5.440E-09 .66 .284 D C			
MO .136 1.003E-08 1.793E-09 6500 3.44			
2.20E-04 0.04E-04 16. 16.			
4.02 17.44 19.44			
1000. 6400. 224 .015 -10.72			
FUS-SIR-SID-0560 710400 1.75E-05 1.95E-04 240. 4.020 19.44 9.400E-05 4			
5.440E-09 .00 .204 D C			
MO .136 1.003E-08 1.793E-09 6500 0.00			
9.70E-05 3.91E-05 26. 39.			
4.02 9.44 12.44			
1000. 6400. 224 .011 -10.72			
FUS-SIR-SID-0580 743700 1.07E-05 3.73E-04 240. 4.020 19.44 9.400E-05 4			
5.440E-09 .66 .284 D C			
MO .136 1.003E-08 1.793E-09 6500 3.44			
2.03E-04 7.40E-04 16. 16.			
4.02 17.44 19.44			
1000. 6400. 224 .011 -10.72			
FUS-SIR-SID-0600 777000 1.60E-05 1.79E-04 240. 4.020 19.44 9.400E-05 4			
5.440E-09 .00 .204 D C			
MO .136 1.003E-08 1.793E-09 6500 0.00			
6.93E-05 3.57E-05 26. 39.			
4.02 9.44 12.44			
1000. 6400. 224 .016 -10.72			
FUS-SIR-SID-0620 799200 1.56E-05 3.67E-04 240. 4.020 19.44 9.400E-05 4			
5.440E-09 .66 .284 D C			
MO .136 1.003E-08 1.793E-09 6500 3.44			
1.09E-04 6.04E-04 16. 16.			
4.02 17.44 19.44			
1000. 6400. 224 .016 -10.72			
FUS-SIR-SID-0640 832500 1.49E-05 1.67E-04 240. 4.020 19.44 9.400E-05 4			
5.440E-09 .00 .204 D C			
MO .136 1.003E-08 1.793E-09 6500 0.00			
0.33E-05 3.31E-05 26. 39.			
4.02 9.44 12.44			
1000. 6400. 224 .009 -10.72			
FUS-SIR-SID-0660 854700 1.46E-05 3.25E-04 240. 4.020 19.44 9.400E-05 4			
5.440E-09 .66 .284 D C			
MO .136 1.003E-08 1.793E-09 6500 3.44			
1.77E-04 6.04E-04 16. 16.			
4.02 17.44 19.44			
1000. 6400. 224 .009 -10.72			
FUS-SIR-SID-0680 899900 1.40E-05 3.45E-04 240. 4.020 19.44 9.400E-05 4			

5.440E-09 .00 .264 D C
MO .136 1.003E-00 1.793E-00 6500 0.00
7.01E-05 3.12E-04 26. 39.
4.02 9.44 12.44
1000. 6400. 224 .009 -10.72
FUS-STR-SID-0700 921300 1.35E-04 3.01E-04 240. 4.020 19.44 9.400E-05 4
MO .136 1.003E-00 1.793E-00 6500 3.44
1.44E-04 6.82E-04 14. 16.
4.02 17.44 19.44
1000. 6400. 224 .009 -10.72
FUS-STR-SID-0700 965700 1.29E-04 1.44E-04 240. 4.020 19.44 9.400E-05 4
MO .136 1.003E-00 1.793E-00 6500 0.00
7.10E-05 2.07E-04 26. 39.
4.02 9.44 12.44
1000. 6400. 224 .000 -10.72
FUS-STR-SID-0700 999000 1.24E-04 2.70E-04 240. 4.020 19.44 9.400E-05 4
MO .136 1.003E-00 1.793E-00 6500 3.44
1.51E-04 5.55E-04 16. 16.
4.02 17.44 19.44
1000. 6400. 224 .000 -10.72
FUS-STR-SID-0700 980000 1.40E-04 1.56E-04 240. 4.020 19.44 9.400E-05 4
MO .136 1.003E-00 1.793E-00 6500 0.00
7.01E-05 3.12E-04 26. 39.
4.02 9.44 12.44
1000. 6400. 224 .009 -10.72
FUS-STR-SID-0700 700100 1.50E-05 3.52E-04 240. 4.020 19.44 9.400E-05 4
MO .136 1.003E-00 1.793E-00 6500 3.44
1.92E-04 7.04E-04 14. 16.
4.02 17.44 19.44
1000. 6400. 224 .010 -10.72
FUS-STR-SID-0000 699300 1.70E-05 1.90E-04 240. 4.020 19.44 9.400E-05 4
MO .136 1.003E-00 1.793E-00 6500 0.00
9.92E-05 3.97E-04 26. 39.
4.02 9.44 12.44
1000. 6400. 224 .013 -10.72
FUS-STR-SID-0020 610500 2.04E-05 4.54E-04 240. 4.020 19.44 9.400E-05 4
MO .136 1.003E-00 1.793E-00 6500 3.44
2.40E-04 9.09E-04 16. 16.
4.02 17.44 19.44
1000. 6400. 224 .013 -10.72
FUS-STR-SID-0000 532000 2.53E-05 2.60E-04 240. 4.020 19.44 9.400E-05 4
MO .136 1.003E-00 1.793E-00 6500 0.00
1.30E-04 5.21E-04 26. 39.
4.02 9.44 12.44
1000. 6400. 224 .015 -10.72
FUS-STR-SID-0000 477300 2.61E-05 5.01E-04 240. 4.020 19.44 9.400E-05 4
MO .136 1.003E-00 1.793E-00 6500 3.44
3.17E-04 1.10E-03 14. 16.
4.02 17.44 19.44
1000. 6400. 224 .017 -10.72
FUS-STR-SID-0000 410700 3.30E-05 3.30E-04 240. 4.020 19.44 9.400E-05 4
MO .136 1.003E-00 1.793E-00 6500 0.00
1.49E-04 6.75E-04 26. 39.
4.02 9.44 12.44
1000. 6400. 224 .019 -10.72
FUS-STR-SID-0000 340000 3.40E-05 3.40E-04 240. 4.020 19.44 9.400E-05 4

5.440E-09 .66 .284 0 C
 NO -136 1.003E-08 1.793E-08 6500 3.44
 4.13E-04 1.51E-03 14. 16.
 4.82 17.44 19.44
 1000. 6400. 224 .022 -10.72
 FUS-STR-S10-0920 321900 3.06E-05 4.31E-04 240. 4.820 19.44 9.440E-05 4
 5.440E-09 .66 .284 0 C
 NO -136 1.003E-08 1.793E-08 6500 3.44
 2.15E-04 8.62E-04 26. 39.
 4.82 9.44 12.44
 1000. 6400. 224 .022 -10.72
 FUS-STR-S10-0940 281160 4.30E-05 9.76E-04 240. 4.820 19.44 9.440E-05 4
 5.440E-09 .66 .284 0 C
 NO -136 1.003E-08 1.793E-08 6500 3.44
 5.33E-04 1.09E-03 14. 16.
 4.82 17.44 19.44
 1000. 6400. 224 .022 -10.72
 FUS-STR-S10-0960 248040 5.00E-05 5.58E-04 240. 4.820 19.44 9.440E-05 4
 5.440E-09 .66 .284 0 C
 NO -136 1.003E-08 1.793E-08 6500 3.44
 2.79E-04 1.12E-03 26. 39.
 4.82 9.44 12.44
 1000. 6400. 224 .032 -10.72
 FUS-STR-S10-0980 222000 5.60E-05 1.25E-03 240. 4.820 19.44 9.440E-05 4
 5.440E-09 .66 .284 0 C
 NO -136 1.003E-08 1.793E-08 6500 3.44
 8.82E-04 2.50E-03 14. 16.
 4.82 17.44 19.44
 1000. 6400. 224 .036 -10.72
 FUS-STR-S10-1000 195360 6.37E-05 7.10E-04 240. 4.820 19.44 9.440E-05 4
 5.440E-09 .66 .284 0 C
 NO -136 1.003E-08 1.793E-08 6500 3.44
 3.55E-04 1.42E-03 26. 39.
 4.82 9.44 12.44
 1000. 6400. 224 .040 -10.72
 FUS-STR-S10-1020 197500 6.29E-05 1.40E-03 240. 4.820 19.44 9.440E-05 3
 5.440E-09 .66 .284 0 C
 NO -136 1.003E-08 1.793E-08 6500 3.44
 7.60E-04 2.01E-03 14. 16.
 4.82 17.44 19.44
 1000. 6400. 224 .044 -10.72
 FUS-STR-S10-1040 199000 6.22E-05 6.94E-04 240. 4.820 19.44 9.440E-05 3
 5.440E-09 .66 .284 0 C
 NO -136 1.003E-08 1.793E-08 6500 3.44
 3.47E-04 1.37E-03 26. 39.
 4.82 9.44 12.44
 1000. 6400. 224 .030 -10.72
 FUS-STR-S10-1060 282020 6.16E-05 1.37E-03 240. 4.820 19.44 9.440E-05 3
 5.440E-09 .66 .284 0 C
 NO -136 1.003E-08 1.793E-08 6500 3.44
 7.44E-04 2.07E-03 14. 16.
 4.82 17.44 19.44
 1000. 6400. 224 .039 -10.72
 FUS-STR-S10-1080 283130 6.12E-05 6.03E-04 240. 4.820 19.44 9.440E-05 3
 5.440E-09 .66 .284 0 C
 NO -136 1.003E-08 1.793E-08 6500 3.44
 3.41E-04 1.37E-03 26. 39.
 4.82 9.44 12.44
 1000. 6400. 224 .030 -10.72
 FUS-STR-S10-1100 284240 6.09E-05 1.36E-03 240. 4.820 19.44 9.440E-05 3
 5.440E-09 .66 .284 0 C
 NO -136 1.003E-08 1.793E-08 6500 3.44
 7.41E-04 2.07E-03 14. 16.
 4.82 17.44 19.44
 1000. 6400. 224 .039 -10.72
 FUS-STR-S10-1120 285350 6.05E-05 1.35E-03 240. 4.820 19.44 9.440E-05 3

5.44E-09 .00 .204 D C
 MD .136 1.00E-08 1.79E-08 6500 0.00
 3.20E-04 1.35E-03 26. 39.
 4.82 9.44 12.44
 1000. 1600. 224 .030 -10.72
 FUS-S7D-S1D-1140 204350 6.00E-05 1.35E-03 240. 4.820 19.44 9.480E-05 3
 5.44E-09 .00 .204 D C
 MD .136 1.00E-08 1.79E-08 6500 0.00
 7.37E-04 2.70E-03 16. 16.
 4.82 17.44 19.44
 1000. 1600. 224 .030 -10.72
 FUS-S7D-S1D-1140 204350 6.07E-05 6.72E-04 240. 4.820 19.44 9.480E-05 3
 5.44E-09 .00 .204 D C
 MD .136 1.00E-08 1.79E-08 6500 0.00
 3.34E-04 1.34E-03 26. 39.
 4.82 9.44 12.44
 1000. 1600. 224 .030 -10.72
 FUS-S7D-S1D-1140 204350 5.94E-05 1.33E-03 240. 4.820 19.44 9.480E-05 3
 5.44E-09 .00 .204 D C
 MD .136 1.00E-08 1.79E-08 6500 3.44
 7.25E-04 2.66E-03 14. 16.
 4.82 17.44 19.44
 1000. 1600. 224 .030 -10.72
 FUS-S7D-S1D-1200 204390 5.93E-05 6.61E-04 240. 4.820 19.44 9.480E-05 3
 5.44E-09 .00 .204 D C
 MD .136 1.00E-08 1.79E-08 6500 0.00
 3.31E-04 1.34E-03 26. 39.
 4.82 9.44 12.44
 1000. 1600. 224 .037 -10.72
 FUS-S7D-S1D-1220 210000 5.90E-05 1.32E-03 240. 4.820 19.44 9.480E-05 3
 5.44E-09 .00 .204 D C
 MD .136 1.00E-08 1.79E-08 6500 3.44
 7.17E-04 2.63E-03 14. 16.
 4.82 17.44 19.44
 1000. 1600. 224 .037 -10.72
 FUS-S7D-S1D-1240 210000 5.90E-05 6.50E-04 240. 4.820 19.44 9.480E-05 3
 5.44E-09 .00 .204 D C
 MD .136 1.00E-08 1.79E-08 6500 0.00
 3.29E-04 1.32E-03 26. 39.
 4.82 9.44 12.44
 1000. 1600. 224 .037 -10.72
 FUS-S7D-S1D-1240 204400 5.90E-05 1.33E-03 240. 4.820 19.44 9.480E-05 3
 5.44E-09 .00 .204 D C
 MD .136 1.00E-08 1.79E-08 6500 3.44
 7.25E-04 2.66E-03 14. 16.
 4.82 17.44 19.44
 1000. 1600. 224 .030 -10.72
 FUS-S7D-S1D-1200 204240 6.00E-05 6.70E-04 240. 4.820 19.44 9.480E-05 3
 5.44E-09 .00 .204 D C
 MD .136 1.00E-08 1.79E-08 6500 0.00
 3.40E-04 1.34E-03 26. 39.
 4.82 9.44 12.44
 1000. 1600. 224 .039 -10.72
 FUS-S7D-S1D-1300 204220 6.16E-05 1.37E-03 240. 4.820 19.44 9.480E-05 3
 5.44E-09 .00 .204 D C
 MD .136 1.00E-08 1.79E-08 6500 3.44
 7.43E-04 2.75E-03 14. 16.
 4.82 17.44 19.44
 1000. 1600. 224 .039 -10.72
 FUS-S7D-S1D-1320 199000 6.22E-05 6.94E-04 240. 4.820 19.44 9.480E-05 3
 5.44E-09 .00 .204 D C
 MD .136 1.00E-08 1.79E-08 6500 0.00
 3.47E-04 1.34E-03 26. 39.
 4.82 9.44 12.44
 1000. 1600. 224 .040 -10.72
 FUS-S7D-S1D-1340 199000 6.22E-05 6.94E-04 240. 4.820 19.44 9.480E-05 3

5.44E-09 .66 .284 0 C
NO .136 1.003E-08 1.793E-08 6500 3.44
7.66E-04 2.01E-03 14. 16.
4.82 17.44 19.44
1000. 1600. 224 .036 -10.72
FUS-S7B-S1B-1348 19900 6.27E-05 0.94E-04 240. 4.020 19.44 9.480E-05 3
5.44E-09 .66 .284 0 C
NO .136 1.003E-08 1.793E-08 6500 0.00
3.07E-04 1.37E-03 26. 39.
4.82 9.44 12.44
1000. 1600. 224 .040 -10.72
FUS-S7B-S1B-1300 20420 6.09E-05 1.36E-03 240. 4.020 19.44 9.480E-05 3
5.44E-09 .66 .284 0 C
NO .136 1.003E-08 1.793E-08 6500 3.44
7.61E-04 2.72E-03 14. 16.
4.82 17.44 19.44
1000. 1600. 224 .036 -10.72
FUS-S7B-S1B-1400 210900 5.94E-05 6.50E-04 240. 4.020 19.44 9.480E-05 3
5.44E-09 .66 .284 0 C
NO .136 1.003E-08 1.793E-08 6500 0.00
3.29E-04 1.32E-03 26. 39.
4.82 9.44 12.44
1000. 1600. 224 .037 -10.72
FUS-S7B-S1B-1420 222000 5.64E-05 1.25E-03 240. 4.020 19.44 9.480E-05 3
5.44E-09 .66 .284 0 C
NO .136 1.003E-08 1.793E-08 6500 3.44
6.02E-04 2.50E-03 14. 16.
4.82 17.44 19.44
1000. 1600. 224 .036 -10.72
FUS-S7B-S1B-1440 220400 5.44E-05 6.07E-04 240. 4.020 19.44 9.480E-05 3
5.44E-09 .66 .284 0 C
NO .136 1.003E-08 1.793E-08 6500 0.00
3.07E-04 1.25E-03 26. 39.
4.82 9.44 12.44
1000. 1600. 224 .035 -10.72
FUS-S7B-S1B-1460 225320 5.20E-05 1.10E-03 240. 4.020 19.44 9.480E-05 3
5.44E-09 .66 .284 0 C
NO .136 1.003E-08 1.793E-08 6500 3.44
6.43E-04 2.36E-03 14. 16.
4.82 17.44 19.44
1000. 1600. 224 .036 -10.72
FUS-S7B-S1B-1480 204200 5.09E-05 5.60E-04 240. 4.020 19.44 9.480E-05 3
5.44E-09 .10 .284 0 C
NO .136 1.003E-08 1.793E-08 6500 19.44
2.04E-04 1.14E-03 26. 39.
4.82 9.44 12.44
1000. 1600. 224 .032 -10.72
FUS-S7B-S1B-1500 225320 5.20E-05 1.10E-03 240. 4.020 19.44 9.480E-05 4
5.44E-09 .66 .284 0 C
NO .136 1.003E-08 1.793E-08 6500 3.44
6.43E-04 2.36E-03 14. 16.
4.82 17.44 19.44
1000. 1600. 224 .036 -10.72
FUS-S7B-S1B-1520 220400 5.44E-05 6.11E-04 240. 4.020 19.44 9.480E-05 4
5.44E-09 .66 .284 0 C
NO .136 1.003E-08 1.793E-08 6500 0.00
3.06E-04 1.23E-03 26. 39.
4.82 9.44 12.44
1000. 1600. 224 .035 -10.72
FUS-S7B-S1B-1540 210900 5.64E-05 1.26E-03 240. 4.020 19.44 9.480E-05 4
5.44E-09 .66 .284 0 C
NO .136 1.003E-08 1.793E-08 6500 3.44
6.02E-04 2.52E-03 14. 16.
4.82 17.44 19.44
1000. 1600. 224 .036 -10.72
FUS-S7B-S1B-1560 217000 5.09E-05 5.61E-04 240. 4.020 19.44 9.480E-05 4

5.440E-09 .00 .284 D C
 MO .136 1.003E-08 1.793E-08 6500 0.00
 3.25E-04 1.30E-03 26. 39.
 4.02 9.44 12.44
 1000. 1600. 224 .047 -10.72
 FUS-S7R-SID-1590 294240 6.09E-05 1.36E-03 240. 4.020 19.44 9.440E-05 4
 5.440E-09 .00 .284 D C
 MO .136 1.003E-08 1.793E-08 6500 3.44
 7.41E-04 2.72E-03 14. 16.
 4.02 17.44 19.44
 1000. 1600. 224 .047 -10.72
 FUS-S7R-SID-1600 197580 6.29E-05 7.02E-04 240. 4.020 19.44 9.440E-05 4
 5.440E-09 .00 .284 D C
 MO .136 1.003E-08 1.793E-08 6500 0.00
 3.51E-04 1.40E-03 26. 39.
 4.02 9.44 12.44
 1000. 1600. 224 .047 -10.72
 FUS-S7R-SID-1620 194920 6.51E-05 1.65E-03 240. 4.020 19.44 9.440E-05 4
 5.440E-09 .00 .284 D C
 MO .136 1.003E-08 1.793E-08 6500 3.44
 7.93E-04 2.91E-03 14. 16.
 4.02 17.44 19.44
 1000. 1600. 224 .047 -10.72
 FUS-S7R-SID-1640 194240 6.75E-05 7.53E-04 240. 4.020 19.44 9.440E-05 4
 5.440E-09 .00 .284 D C
 MO .136 1.003E-08 1.793E-08 6500 0.00
 3.76E-04 1.51E-03 26. 39.
 4.02 9.44 12.44
 1000. 1600. 224 .043 -10.72
 FUS-S7R-SID-1660 177600 7.00E-05 1.56E-03 240. 4.020 19.44 9.440E-05 4
 5.440E-09 .00 .284 D C
 MO .136 1.003E-08 1.793E-08 6500 3.44
 8.52E-04 3.12E-03 14. 16.
 4.02 17.44 19.44
 1000. 1600. 224 .044 -10.72
 FUS-S7R-SID-1680 170940 7.29E-05 8.11E-04 240. 4.020 19.44 9.440E-05 4
 5.440E-09 .00 .284 D C
 MO .136 1.003E-08 1.793E-08 6500 0.00
 4.06E-04 1.62E-03 26. 39.
 4.02 9.44 12.44
 1000. 1600. 224 .046 -10.72
 FUS-S7R-SID-1700 166500 7.49E-05 1.67E-03 240. 4.020 19.44 9.440E-05 4
 5.440E-09 .00 .284 D C
 MO .136 1.003E-08 1.793E-08 6500 3.44
 9.09E-04 3.33E-03 14. 16.
 4.02 17.44 19.44
 1000. 1600. 224 .047 -10.72
 FUS-S7R-SID-1720 159040 7.79E-05 8.60E-04 240. 4.020 19.44 9.440E-05 4
 5.440E-09 .00 .284 D C
 MO .136 1.003E-08 1.793E-08 6500 0.00
 4.34E-04 1.74E-03 26. 39.
 4.02 9.44 12.44
 1000. 1600. 224 .049 -10.72
 FUS-S7R-SID-1740 157420 7.09E-05 1.76E-03 240. 4.020 19.44 9.440E-05 4
 5.440E-09 .00 .284 D C
 MO .136 1.003E-08 1.793E-08 6500 3.44
 9.60E-04 3.52E-03 14. 16.
 4.02 17.44 19.44
 1000. 1600. 224 .050 -10.72
 FUS-S7R-SID-1760 175300 7.09E-05 7.91E-04 240. 4.020 19.44 9.440E-05 4
 5.440E-09 .00 .284 D C
 MO .136 1.003E-08 1.793E-08 6500 19.44
 3.95E-04 1.50E-03 26. 39.
 4.02 9.44 12.44
 1000. 1600. 224 .045 -10.72
 FUS-S7R-SID-1780 170140 7.44E-05 1.45E-03 240. 4.020 19.44 9.440E-05 4

5.440E-09 .66 .204 D C
MO .136 1.003E-00 1.793E-00 6500 3.44
7.03E-04 2.07E-03 16. 16.
4.82 17.44 19.44
1000. 1600. 224 .022 -10.72
FUS-S7B-S1D-1000 216900 5.50E-05 6.50E-04 240. 4.820 19.44 9.480E-05 4
5.440E-09 .66 .204 D C
MO .136 1.003E-00 1.793E-00 6500 0.00
3.20E-04 1.12E-03 26. 39.
4.82 9.44 12.44
1000. 1600. 224 .037 -10.72
FUS-S7B-S1D-1000 220460 5.44E-05 1.21E-03 240. 4.820 19.44 9.480E-05 4
5.440E-09 .66 .204 D C
MO .136 1.003E-00 1.793E-00 6500 3.44
4.62E-04 2.43E-03 16. 16.
4.82 17.44 19.44
1000. 1600. 224 .036 -10.72
FUS-S7B-S1D-1000 240040 5.00E-05 5.50E-04 240. 4.820 19.44 9.480E-05 4
5.440E-09 .66 .204 D C
MO .136 1.003E-00 1.793E-00 6500 0.00
2.70E-04 1.12E-03 26. 39.
4.82 9.44 12.44
1000. 1600. 224 .032 -10.72
FUS-S7B-S1D-1000 273000 4.55E-05 1.02E-03 240. 4.820 19.44 9.480E-05 4
5.440E-09 .66 .204 D C
MO .136 1.003E-00 1.793E-00 6500 3.44
5.54E-04 2.03E-03 16. 16.
4.82 17.44 19.44
1000. 1600. 224 .029 -10.72
FUS-S7B-S1D-1000 306300 4.04E-05 4.53E-04 240. 4.820 19.44 9.480E-05 4
5.440E-09 .66 .204 D C
MO .136 1.003E-00 1.793E-00 6500 0.00
2.26E-04 9.04E-04 26. 39.
4.82 9.44 12.44
1000. 1600. 224 .026 -10.72
FUS-S7B-S1D-1000 335220 3.71E-05 8.70E-04 240. 4.820 19.44 9.480E-05 4
5.440E-09 .66 .204 D C
MO .136 1.003E-00 1.793E-00 6500 3.44
4.51E-04 1.04E-03 16. 16.
4.82 17.44 19.44
1000. 1600. 224 .024 -10.72
FUS-S7B-S1D-1000 364300 3.44E-05 3.70E-04 240. 4.820 19.44 9.480E-05 4
5.440E-09 .66 .204 D C
MO .136 1.003E-00 1.793E-00 6500 0.00
1.00E-04 7.57E-04 26. 39.
4.82 9.44 12.44
1000. 1600. 224 .022 -10.72
FUS-S7B-S1D-1000 399000 3.11E-05 6.94E-04 240. 4.820 19.44 9.480E-05 4
5.440E-09 .66 .204 D C
MO .136 1.003E-00 1.793E-00 6500 3.44
3.70E-04 1.39E-03 16. 16.
4.82 17.44 19.44
1000. 1600. 224 .020 -10.72
FUS-S7B-S1D-1000 444000 2.80E-05 3.12E-04 240. 4.820 19.44 9.480E-05 4
5.440E-09 .66 .204 D C
MO .136 1.003E-00 1.793E-00 6500 0.00
1.56E-04 6.25E-04 26. 39.
4.82 9.44 12.44
1000. 1600. 224 .018 -10.72
FUS-S7B-S1D-1000 444000 2.80E-05 6.25E-04 240. 4.820 19.44 9.480E-05 4
5.440E-09 .66 .204 D C
MO .136 1.003E-00 1.793E-00 6500 3.44
3.41E-04 1.25E-03 16. 16.
4.82 17.44 19.44
1000. 1600. 224 .016 -10.72
FUS-S7B-S1D-1000 444000 2.80E-05 6.25E-04 240. 4.820 19.44 9.480E-05 4

5.440E-09 .00 .284 D C
NO -136 1.003E-00 1.793E-00 6500 0.00
1.56E-04 6.25E-04 26. 39.
4.02 9.44 12.44
1000. 1600. 224 .010 -10.72
FUS-SIR-SID-2020 444000 2.00E-05 6.25E-04 240. 4.020 19.44 9.400E-05 4
5.440E-09 .00 .284 D C
NO -136 1.003E-00 1.793E-00 6500 3.44
3.41E-04 1.25E-03 14. 16.
4.02 17.44 19.44
1000. 1600. 224 .010 -10.72
FUS-SIR-SID-2040 444000 2.00E-05 3.12E-04 240. 4.020 19.44 9.400E-05 4
5.440E-09 .00 .284 D C
NO -136 1.003E-00 1.793E-00 6500 0.00
1.56E-04 6.25E-04 26. 39.
4.02 9.44 12.44
1000. 1600. 224 .010 -10.72
FUS-SIR-SID-2060 444000 2.00E-05 6.25E-04 240. 4.020 19.44 9.400E-05 4
5.440E-09 .00 .284 D C
NO -136 1.003E-00 1.793E-00 6500 3.44
3.41E-04 1.25E-03 14. 16.
4.02 17.44 19.44
1000. 1600. 224 .010 -10.72
FUS-SIR-SID-2080 444000 2.00E-05 3.12E-04 240. 4.020 19.44 9.400E-05 4
5.440E-09 .00 .284 D C
NO -136 1.003E-00 1.793E-00 6500 0.00
1.56E-04 6.25E-04 26. 39.
4.02 9.44 12.44
1000. 1600. 224 .010 -10.72
FUS-SIR-SID-2100 444000 2.00E-05 6.25E-04 240. 4.020 19.44 9.400E-05 4
5.440E-09 .00 .284 D C
NO -136 1.003E-00 1.793E-00 6500 3.44
3.41E-04 1.25E-03 14. 16.
4.02 17.44 19.44
1000. 1600. 224 .010 -10.72
FUS-SIR-SID-2120 444000 2.00E-05 3.12E-04 240. 4.020 19.44 9.400E-05 4
5.440E-09 .00 .284 D C
NO -136 1.003E-00 1.793E-00 6500 0.00
1.56E-04 6.25E-04 26. 39.
4.02 9.44 12.44
1000. 1600. 224 .010 -10.72
FUS-SIR-SID-2140 444000 2.00E-05 6.25E-04 240. 4.020 19.44 9.400E-05 4
5.440E-09 .00 .284 D C
NO -136 1.003E-00 1.793E-00 6500 3.44
3.41E-04 1.25E-03 14. 16.
4.02 17.44 19.44
1000. 1600. 224 .010 -10.72
FUS-SIR-SID-2160 444000 2.00E-05 3.12E-04 240. 4.020 19.44 9.400E-05 4
5.440E-09 .00 .284 D C
NO -136 1.003E-00 1.793E-00 6500 0.00
1.56E-04 6.25E-04 26. 39.
4.02 9.44 12.44
1000. 1600. 224 .010 -10.72
FUS-SIR-SID-2180 444000 2.00E-05 6.25E-04 240. 4.020 19.44 9.400E-05 4
5.440E-09 .00 .284 D C
NO -136 1.003E-00 1.793E-00 6500 3.44
3.41E-04 1.25E-03 14. 16.
4.02 17.44 19.44
1000. 1600. 224 .010 -10.72
FUS-SIR-SID-2200 532000 2.33E-05 5.21E-04 240. 4.020 19.44 9.400E-05 4
5.440E-09 .00 .284 D C
NO -136 1.003E-00 1.793E-00 6500 0.00
2.04E-04 1.04E-03 26. 39.
4.02 9.44 12.44
1000. 1600. 224 .015 -10.72
FUS-SIR-SID-2220 444000 1.00E-04 3.05E-04 240. 4.020 19.44 9.400E-05 4

5.440E-09	.66	.284	0 C						
ND	1.136	1.003E-00	1.793E-00	6500	3.44				
2.37E-04	0.60E-04	14.	16.						
4.02	17.44	19.44							
1000.	1600.	224.	.012	-10.72					
FUS-57R-510-224	75400	1.65E-05	1.64E-04	240.	4.020	19.44	9.400E-05	4	
5.440E-09	.66	.284	0 C						
ND	1.136	1.003E-00	1.793E-00	6500	0.00				
2.10E-05	3.00E-04	26.	39.						
4.02	9.44	12.44							
1000.	1600.	224.	.010	-10.72					
FUS-57R-510-224	899100	1.30E-05	3.09E-04	240.	4.020	19.44	9.400E-05	4	
5.440E-09	.66	.284	0 C						
ND	1.136	1.003E-00	1.793E-00	6500	3.44				
1.60E-04	6.17E-04	14.	16.						
4.02	17.44	19.44							
1000.	1600.	224.	.009	-10.72					
FUS-57R-510-224	999999	1.24E-05	1.34E-04	240.	4.020	19.44	9.400E-05	4	
5.440E-09	.66	.284	0 C						
ND	1.136	1.003E-00	1.793E-00	6500	0.00				
6.94E-05	2.77E-04	26.	39.						
4.02	9.44	12.44							
1000.	1600.	224.	.008	-10.72					
FUS-57R-510-224	999999	1.24E-05	2.77E-04	240.	4.020	19.44	9.400E-05	4	
5.440E-09	.66	.284	0 C						
ND	1.136	1.003E-00	1.793E-00	6500	3.44				
1.51E-04	5.55E-04	14.	16.						
4.02	17.44	19.44							
1000.	1600.	224.	.008	-10.72					
FUS-57R-510-224	999999	1.24E-05	1.34E-04	240.	4.020	19.44	9.400E-05	4	
5.440E-09	.66	.284	0 C						
ND	1.136	1.003E-00	1.793E-00	6500	7.00				
6.94E-05	2.77E-04	26.	39.						
4.02	9.44	12.44							
1000.	1600.	224.	.008	-10.72					
FUS-57R-510-224	999999	1.24E-05	2.77E-04	240.	4.020	19.44	9.400E-05	4	
5.440E-09	.66	.284	0 C						
ND	1.136	1.003E-00	1.793E-00	6500	3.44				
1.51E-04	5.55E-04	14.	16.						
4.02	17.44	19.44							
1000.	1600.	224.	.007	-10.72					
FUS-57R-510-224	999999	1.24E-05	1.34E-04	240.	4.020	19.44	9.400E-05	4	
5.440E-09	.10	.284	0 C						
ND	1.136	1.003E-00	1.793E-00	6500	19.44				
6.94E-05	2.77E-04	26.	39.						
4.02	9.44	12.44							
1000.	1600.	224.	.007						

[illegible]

5.44E-09 .66 .284 D C
MO .136 1.00E-08 1.79E-08 6500 3.44
2.27E-04 8.33E-04 14. 16.
4.82 17.44 19.44
1000. 3200. 112 1.169 -14.83
FUS-STR-TOP-0448 66600 1.87E-05 2.08E-04 240. 4.82 19.44 9.48E-05 3
5.44E-09 .66 .284 D C
MO .136 1.00E-08 1.79E-08 6500 0.00
1.04E-04 4.17E-04 26. 39.
4.82 9.44 12.44
1000. 3200. 112 1.169 -14.83
FUS-STR-TOP-0460 66600 1.87E-05 4.17E-04 240. 4.82 19.44 9.48E-05 3
5.44E-09 .66 .284 D C
MO .136 1.00E-08 1.79E-08 6500 3.44
2.27E-04 8.33E-04 14. 16.
4.82 17.44 19.44
1000. 3200. 112 1.169 -14.83
FUS-STR-TOP-0480 66600 1.87E-05 2.08E-04 240. 4.82 19.44 9.48E-05 3
5.44E-09 .66 .284 D C
MO .136 1.00E-08 1.79E-08 6500 0.00
1.04E-04 4.17E-04 26. 39.
4.82 9.44 12.44
1000. 3200. 112 1.169 -14.83
FUS-STR-TOP-0500 66600 1.87E-05 4.17E-04 240. 4.82 19.44 9.48E-05 3
5.44E-09 .66 .284 D C
MO .136 1.00E-08 1.79E-08 6500 3.44
2.27E-04 8.33E-04 14. 16.
4.82 17.44 19.44
1000. 3200. 112 1.169 -14.83
FUS-STR-TOP-0520 66600 1.87E-05 2.08E-04 240. 4.82 19.44 9.48E-05 3
5.44E-09 .66 .284 D C
MO .136 1.00E-08 1.79E-08 6500 19.44
1.04E-04 4.17E-04 26. 39.
4.82 9.44 12.44
1000. 3200. 112 1.169 -14.83
FUS-STR-TOP-0548 66620 1.81E-05 4.03E-04 240. 4.82 19.44 9.48E-05 4
MO .136 1.00E-08 1.79E-08 6500 3.44
2.20E-04 6.00E-04 14. 16.
4.82 17.44 19.44
1000. 1600. 112 1.131 -14.83
FUS-STR-TOP-0560 71040 1.75E-05 1.05E-04 240. 4.82 19.44 9.48E-05 4
5.44E-09 .66 .284 D C
MO .136 1.00E-08 1.79E-08 6500 0.00
9.76E-05 3.91E-04 26. 39.
4.82 9.44 12.44
1000. 1600. 112 1.096 -14.83
FUS-STR-TOP-0580 74370 1.67E-05 3.73E-04 240. 4.82 19.44 9.48E-05 4
5.44E-09 .66 .284 D C
MO .136 1.00E-08 1.79E-08 6500 3.44
2.83E-04 7.44E-04 14. 16.
4.82 17.44 19.44
1000. 1600. 112 1.469 -14.83
FUS-STR-TOP-0600 77700 1.60E-05 1.79E-04 240. 4.82 19.44 9.48E-05 4
5.44E-09 .66 .284 D C
MO .136 1.00E-08 1.79E-08 6500 0.00
0.93E-05 3.57E-04 26. 39.
4.82 9.44 12.44
1000. 1600. 112 1.002 -14.83
FUS-STR-TOP-0620 79920 1.56E-04 3.47E-04 240. 4.82 19.44 9.48E-05 4
5.44E-09 .66 .284 D C
MO .136 1.00E-08 1.79E-08 6500 3.44
1.00E-04 4.94E-04 14. 16.
4.82 17.44 19.44
1000. 1600. 112 .974 -14.83
FUS-STR-TOP-0640 82200 1.40E-04 3.47E-04 240. 4.82 19.44 9.48E-05 4

5.44E-09 .00 .204 D C
MO .136 1.00E-00 1.79E-00 6500 0.00
0.35E-05 3.13E-04 26. 39.
4.82 9.44 12.44
1000. 1000. 112 .935 -14.03
FUS-57R-T0P-0060 654700 1.44E-04 3.25E-04 240. 4.62 19.44 9.44E-05 4
5.44E-09 .66 .204 D C
MO .136 1.00E-00 1.79E-00 6500 3.44
1.77E-04 6.49E-04 14. 16.
4.82 17.44 19.44
1000. 1000. 112 .911 -14.03
FUS-57R-T0P-0060 600000 1.40E-04 1.56E-04 240. 4.42 19.44 9.44E-05 4
5.44E-09 .00 .204 D C
MO .136 1.00E-00 1.79E-00 6500 0.00
7.01E-05 3.12E-04 26. 39.
4.82 9.44 12.44
1000. 1000. 112 .876 -14.03
FUS-57R-T0P-0700 921300 1.35E-05 3.01E-04 240. 4.62 19.44 9.44E-05 4
5.44E-09 .66 .204 D C
MO .136 1.00E-00 1.79E-00 6500 3.44
1.44E-04 6.02E-04 14. 16.
4.82 17.44 19.44
1000. 1000. 112 .845 -14.03
FUS-57R-T0P-0720 965700 1.29E-05 1.44E-04 240. 4.42 19.44 9.44E-05 4
5.44E-09 .00 .204 D C
MO .136 1.00E-00 1.79E-00 6500 0.00
7.18E-05 2.47E-04 26. 39.
4.82 9.44 12.44
1000. 1000. 112 .806 -14.03
FUS-57R-T0P-0760 999000 1.24E-05 2.73E-04 240. 4.62 19.44 9.44E-05 4
5.44E-09 .66 .204 D C
MO .136 1.00E-00 1.79E-00 6500 3.44
1.51E-04 5.55E-04 14. 16.
4.82 17.44 19.44
1000. 1000. 112 .779 -14.03
FUS-57R-T0P-0760 800000 1.40E-05 1.54E-04 240. 4.92 19.44 9.44E-05 4
5.44E-09 .00 .204 D C
MO .136 1.00E-00 1.79E-00 6500 0.00
7.01E-05 3.12E-04 26. 39.
4.82 9.44 12.44
1000. 1000. 112 .876 -14.03
FUS-57R-T0P-0780 740100 1.53E-05 3.52E-04 240. 4.92 19.44 9.44E-05 4
5.44E-09 .66 .204 D C
MO .136 1.00E-00 1.79E-00 6500 3.44
1.92E-04 7.04E-04 14. 16.
4.82 17.44 19.44
1000. 1000. 112 .900 -14.03
FUS-57R-T0P-0800 690300 1.78E-05 1.90E-04 240. 4.82 19.44 9.44E-05 4
5.44E-09 .00 .204 D C
MO .136 1.00E-00 1.79E-00 6500 0.00
9.92E-05 3.97E-04 26. 39.
4.82 9.44 12.44
1000. 1000. 112 1.113 -14.03
FUS-57R-T0P-0820 610500 2.04E-05 4.54E-04 240. 4.82 19.44 9.44E-05 4
5.44E-09 .66 .204 D C
MO .136 1.00E-00 1.79E-00 6500 3.44
2.40E-04 9.07E-04 14. 16.
4.82 17.44 19.44
1000. 1000. 112 1.275 -14.03
FUS-57R-T0P-0840 532000 2.33E-05 2.60E-04 240. 4.82 19.44 9.44E-05 4
5.44E-09 .00 .204 D C
MO .136 1.00E-00 1.79E-00 6500 0.00
1.30E-04 5.21E-04 26. 39.
4.82 9.44 12.44
1000. 1000. 112 1.461 -14.03
FUS-57R-T0P-0860 477000 2.41E-05 4.81E-04 240. 4.82 19.44 9.44E-05 4

5.44E-09 .66 .204 D C
 NO .136 1.00E-08 1.79E-08 6500 3.44
 3.17E-04 1.16E-03 16. 16.
 4.82 17.44 19.44
 1000. 1600. 112 1.631 -14.83
 FUS-STB-TOP-0900 410700 3.03E-05 3.33E-04 240. 4.82 19.44 9.40E-05 4
 5.44E-09 .66 .204 D C
 NO .136 1.00E-08 1.79E-08 6500 0.00
 1.69E-04 6.75E-04 26. 39.
 4.82 9.44 12.44
 1000. 1600. 112 1.905 -14.83
 FUS-STB-TOP-0900 366300 3.40E-05 7.57E-04 240. 4.82 19.44 9.40E-05 4
 5.44E-09 .66 .204 D C
 NO .136 1.00E-08 1.79E-08 6500 3.44
 4.13E-04 1.51E-03 16. 16.
 4.82 17.44 19.44
 1000. 1600. 112 2.125 -14.83
 FUS-STB-TOP-0920 321900 3.86E-05 9.31E-04 240. 4.82 19.44 9.40E-05 4
 5.44E-09 .66 .204 D C
 NO .136 1.00E-08 1.79E-08 6500 0.00
 2.15E-04 0.62E-04 26. 39.
 4.82 9.44 12.44
 1000. 1600. 112 2.418 -14.83
 FUS-STB-TOP-0940 204100 4.30E-05 9.76E-04 240. 4.82 19.44 9.40E-05 4
 5.44E-09 .66 .204 D C
 NO .136 1.00E-08 1.79E-08 6500 3.44
 5.33E-04 1.95E-03 16. 16.
 4.82 17.44 19.44
 1000. 1600. 112 2.740 -14.83
 FUS-STB-TOP-0960 240600 5.80E-05 5.50E-04 240. 4.82 19.44 9.40E-05 4
 5.44E-09 .66 .204 D C
 NO .136 1.00E-08 1.79E-08 6500 0.00
 2.79E-04 1.12E-03 26. 39.
 4.82 9.44 12.44
 1000. 1600. 112 3.131 -14.83
 FUS-STB-TOP-0980 222000 5.60E-05 1.25E-03 240. 4.82 19.44 9.40E-05 4
 5.44E-09 .66 .204 D C
 NO .136 1.00E-08 1.79E-08 6500 3.44
 6.82E-04 2.50E-03 16. 16.
 4.82 17.44 19.44
 1000. 1600. 112 3.507 -14.83
 FUS-STB-TOP-1000 195300 6.37E-05 7.10E-04 240. 4.82 19.44 9.40E-05 4
 5.44E-09 .66 .204 D C
 YES .136 1.00E-08 1.79E-08 6500 19.44
 3.59E-04 1.42E-03 26. 39.
 4.82 9.44 12.44
 1000. 1600. 112 3.905 -14.83
 FUS-STB-TOP-1020 197500 6.27E-05 1.40E-03 240. 4.82 19.44 9.40E-05 4
 5.44E-09 .66 .204 D C
 NO .136 1.00E-08 1.79E-08 6500 3.44
 7.44E-04 2.81E-03 16. 16.
 4.82 17.44 19.44
 1000. 1600. 112 3.940 -14.83
 FUS-STB-TOP-1040 199800 6.27E-05 6.94E-04 240. 4.82 19.44 9.40E-05 4
 5.44E-09 .66 .204 D C
 NO .136 1.00E-08 1.79E-08 6500 0.00
 3.47E-04 1.39E-03 26. 39.
 4.82 9.44 12.44
 1000. 1600. 112 3.997 -14.83
 FUS-STB-TOP-1060 202800 6.16E-05 1.37E-03 240. 4.82 19.44 9.40E-05 4
 5.44E-09 .66 .204 D C
 YES .136 1.00E-08 1.79E-08 6500 3.44
 7.09E-04 2.75E-03 16. 16.
 4.82 17.44 19.44
 1000. 1600. 112 3.850 -14.83
 FUS-STB-TOP-1080 203100 6.12E-05 6.93E-04 240. 4.82 19.44 9.40E-05 4

5.44E-09 .00 .204 0 C
 MD .136 1.00E-00 1.79E-00 6500 0.00
 3.41E-04 1.31E-03 26. 39.
 4.02 9.44 12.44
 1000. 1600. 112 3.833 -14.83
 FUS-578-TOP-1100 204240 6.00E-05 1.30E-03 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 0 C
 MD .136 1.00E-00 1.79E-00 6500 3.44
 7.41E-04 2.72E-03 16. 16.
 4.02 17.44 19.44
 1000. 1600. 112 3.812 -14.83
 FUS-578-TOP-1120 205350 6.00E-05 6.75E-04 241. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 0 C
 YES .136 1.00E-00 1.79E-00 6500 0.00
 3.29E-04 1.35E-03 26. 39.
 4.02 9.44 12.44
 1000. 1600. 112 3.791 -14.83
 FUS-578-TOP-1140 205350 6.00E-05 1.35E-03 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 0 C
 MD .136 1.00E-00 1.79E-00 6500 3.44
 7.37E-04 2.70E-03 16. 16.
 4.02 17.44 19.44
 1000. 1600. 112 3.791 -14.83
 FUS-578-TOP-1160 206460 6.00E-05 6.72E-04 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 0 C
 MD .136 1.00E-00 1.79E-00 6500 0.00
 3.34E-04 1.34E-03 26. 39.
 4.02 9.44 12.44
 1000. 1600. 112 3.771 -14.83
 FUS-578-TOP-1180 206460 5.94E-05 1.33E-03 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 0 C
 YES .136 1.00E-00 1.79E-00 6500 3.44
 7.25E-04 2.60E-03 16. 16.
 4.02 17.44 19.44
 1000. 1600. 112 3.731 -14.83
 FUS-578-TOP-1200 209790 5.73E-05 6.61E-04 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 0 C
 MD .136 1.00E-00 1.79E-00 6500 0.00
 3.31E-04 1.32E-03 26. 39.
 4.02 9.44 12.44
 1000. 1600. 112 3.711 -14.83
 FUS-578-TOP-1220 210900 5.90E-05 1.32E-03 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 0 C
 MD .136 1.00E-00 1.79E-00 6500 3.44
 7.17E-04 2.63E-03 16. 16.
 4.02 17.44 19.44
 1000. 1600. 112 3.692 -14.83
 FUS-578-TOP-1240 210900 5.90E-05 6.50E-04 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 0 C
 YES .136 1.00E-00 1.79E-00 6500 0.00
 3.29E-04 1.32E-03 26. 39.
 4.02 9.44 12.44
 1000. 1600. 112 3.692 -14.83
 FUS-578-TOP-1260 208000 5.90E-05 1.33E-03 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 0 C
 MD .136 1.00E-00 1.79E-00 6500 3.44
 7.25E-04 2.60E-03 16. 16.
 4.02 17.44 19.44
 1000. 1600. 112 3.731 -14.83
 FUS-578-TOP-1280 204240 6.00E-05 6.79E-04 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 0 C
 MD .136 1.00E-00 1.79E-00 6500 0.00
 3.40E-04 1.34E-03 26. 39.
 4.02 9.44 12.44
 1000. 1600. 112 3.812 -14.83
 FUS-578-TOP-1300 205350 6.00E-05 6.75E-04 241. 4.02 19.44 9.40E-05 4

5.44E-09 .66 .204 D C				
YES .136 1.80E-08 1.79E-08 6500 3.44				
7.44E-04 2.75E-03 16. 16.				
4.82 17.44 19.44				
1000. 1600. 112 3.054 -14.03				
FUS-STR-TOP-1320 195000 6.22E-05 6.94E-04 240. 4.82 19.44 9.44E-05 4				
5.44E-09 .88 .204 D C				
NO .136 1.80E-08 1.79E-08 6500 0.00				
3.47E-04 1.39E-03 26. 39.				
4.82 9.44 12.44				
1000. 1600. 112 3.097 -14.03				
FUS-STR-TOP-1.44 197500 6.29E-05 1.40E-03 240. 4.82 19.44 9.44E-05 4				
5.44E-09 .66 .204 D C				
NO .136 1.80E-08 1.79E-08 6500 3.44				
7.44E-04 2.81E-03 16. 16.				
4.82 17.44 19.44				
1000. 1600. 112 3.940 -14.03				
FUS-STR-TOP-1360 190000 6.22E-05 6.94E-04 240. 4.82 19.44 9.44E-05 4				
5.44E-09 .88 .204 D C				
YES .136 1.80E-08 1.79E-08 6500 0.00				
3.47E-04 1.39E-03 26. 39.				
4.82 9.44 12.44				
1000. 1600. 112 3.097 -14.03				
FUS-STR-TOP-1300 204240 6.89E-05 1.36E-03 240. 4.82 19.44 9.44E-05 4				
5.44E-09 .66 .204 D C				
NO .136 1.80E-08 1.79E-08 6500 3.44				
7.44E-04 2.75E-03 16. 16.				
4.82 17.44 19.44				
1000. 1600. 112 3.012 -14.03				
FUS-STR-TOP-1500 210900 5.90E-05 6.50E-04 240. 4.82 19.44 9.44E-05 4				
5.44E-09 .88 .204 D C				
NO .136 1.80E-08 1.79E-08 6500 0.00				
3.29E-04 1.34E-03 26. 39.				
4.82 9.44 12.44				
1000. 1600. 112 3.692 -14.03				
FUS-STR-TOP-1070 222000 5.60E-05 1.25E-03 240. 4.82 19.44 9.44E-05 4				
5.44E-09 .66 .204 D C				
YES .136 1.80E-08 1.79E-08 6500 3.44				
6.82E-04 2.50E-03 14. 16.				
4.82 17.44 19.44				
1000. 1600. 112 3.507 -14.03				
FUS-STR-TOP-1440 220460 5.44E-05 6.87E-04 240. 4.82 19.44 9.44E-05 4				
5.44E-09 .88 .204 D C				
NO .136 1.80E-08 1.79E-08 6500 0.00				
3.83E-04 1.21E-03 26. 39.				
4.82 9.44 12.44				
1000. 1600. 112 3.445 -14.03				
FUS-STR-TOP-1460 235320 5.20E-05 1.10E-03 240. 4.82 19.44 9.44E-05 4				
5.44E-09 .66 .204 D C				
NO .136 1.80E-08 1.79E-08 6500 3.44				
6.43E-04 2.30E-03 16. 16.				
4.82 17.44 19.44				
1000. 1600. 112 3.300 -14.03				
FUS-STR-TOP-1400 244200 5.09E-05 5.60E-04 240. 4.82 19.44 9.44E-05 4				
5.44E-09 .18 .204 D C				
YES .136 1.80E-08 1.79E-08 6500 19.44				
2.84E-04 1.14E-03 26. 39.				
4.82 9.44 12.44				
1000. 1600. 112 3.100 -14.03				
FUS-STR-TOP-1500 235320 5.20E-05 1.10E-03 240. 4.82 19.44 9.44E-05 4				
5.44E-09 .66 .204 D C				
NO .136 1.80E-08 1.79E-08 6500 3.44				
6.43E-04 2.30E-03 16. 16.				
4.82 17.44 19.44				
1000. 1600. 112 3.300 -14.03				
FUS-STR-TOP-1520 235320 5.20E-05 1.10E-03 240. 4.82 19.44 9.44E-05 4				
5.44E-09 .66 .204 D C				
NO .136 1.80E-08 1.79E-08 6500 3.44				
6.43E-04 2.30E-03 16. 16.				
4.82 17.44 19.44				
1000. 1600. 112 3.300 -14.03				
FUS-STR-TOP-1520 235320 5.20E-05 1.10E-03 240. 4.82 19.44 9.44E-05 4				

5.44E-09 .00 .204 D C
 NO .136 1.00E-00 1.79E-00 6500 0.00
 3.04E-04 1.23E-03 26. 39.
 4.02 9.44 14.44
 1000. 3200. 112 3.030 -14.03
 FUS-SIR-TOP-1540 219700 5.04E-05 1.20E-03 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 D C
 NO .136 1.00E-00 1.79E-00 6500 3.44
 6.00E-04 2.54E-03 14. 16.
 4.02 17.44 19.44
 1000. 3200. 112 3.542 -14.03
 FUS-SIR-TOP-1500 213170 5.04E-05 6.51E-04 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 D C
 NO .136 1.00E-00 1.79E-00 6500 0.00
 3.25E-04 1.30E-03 26. 39.
 4.02 9.44 12.44
 1000. 3200. 112 3.653 -14.03
 FUS-SIR-TOP-1500 204240 6.00E-05 1.30E-03 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 D C
 NO .136 1.00E-00 1.79E-00 6500 3.44
 7.41E-04 2.74E-03 14. 16.
 4.02 17.44 19.44
 1000. 3200. 112 3.012 -14.03
 FUS-SIR-TOP-1600 197500 6.24E-05 7.02E-04 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .000 .704 D C
 NO .136 1.00E-00 1.79E-00 6500 0.00
 3.51E-04 1.40E-03 26. 39.
 4.02 9.44 12.44
 1000. 3200. 112 3.004 -14.03
 FUS-SIR-TOP-1620 190920 6.51E-05 1.45E-03 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 D C
 NO .136 1.00E-00 1.79E-00 6500 3.44
 7.93E-04 2.91E-03 14. 16.
 4.02 17.44 19.44
 1000. 3200. 112 4.079 -14.03
 FUS-SIR-TOP-1640 184200 6.75E-05 7.53E-04 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 D C
 NO .136 1.00E-00 1.79E-00 6500 0.00
 3.70E-04 1.51E-03 26. 39.
 4.02 9.44 12.44
 1000. 3200. 112 4.225 -14.03
 FUS-SIR-TOP-1660 177000 7.00E-05 1.50E-03 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 D C
 NO .136 1.00E-00 1.79E-00 6500 3.44
 8.57E-04 3.12E-03 14. 16.
 4.02 17.44 19.44
 1000. 3200. 112 4.304 -14.03
 FUS-SIR-TOP-1680 170940 7.24E-05 1.11E-04 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 D C
 NO .136 1.00E-00 1.79E-00 6500 0.00
 4.06E-04 1.46E-03 26. 39.
 4.02 9.44 12.44
 1000. 3200. 112 4.555 -14.03
 FUS-SIR-TOP-1700 166500 7.47E-05 1.67E-03 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 D C
 NO .136 1.00E-00 1.79E-00 6500 3.44
 9.09E-04 3.33E-03 14. 16.
 4.02 17.44 19.44
 1000. 3200. 112 4.076 -14.03
 FUS-SIR-TOP-1720 159040 7.70E-05 8.60E-04 240. 4.02 19.44 9.40E-05 4
 5.44E-09 .00 .204 D C
 NO .136 1.00E-00 1.79E-00 6500 0.00
 4.34E-04 1.74E-03 26. 39.
 4.02 9.44 12.44
 1000. 3200. 112 4.071 -14.03
 FUS-SIR-TOP-1740 157400 7.00E-05 7.00E-04 240. 4.02 19.44 9.40E-05 4

5.44E-09	1.66	294	D	C					
MO	136	1.00E-08	1.79E-08	6500	3.44				
9.40E-04	3.52E-03	14.	16.						
4.82	17.44	19.44							
1000.	3200.	112	4.94E-14.03						
FUS-STB-TOP-1740	175300	7.09E-05	7.91E-04	240.	4.82	19.44	9.40E-05	4	
5.44E-09	.00	204	D	C					
MO	136	1.00E-08	1.79E-08	6500	0.00				
3.99E-04	1.54E-03	25.	39.						
4.82	9.44	12.44							
1000.	3200.	112	4.439 -14.03						
FUS-STB-TOP-1740	193140	6.44E-05	1.44E-03	240.	4.82	19.44	9.40E-05	4	
5.44E-09	.66	204	D	C					
MO	136	1.00E-08	1.79E-08	6500	3.44				
7.83E-04	2.87E-03	14.	16.						
4.82	17.44	19.44							
1000.	3200.	112	4.831 -14.03						
FUS-STB-TOP-1890	210900	5.90E-05	6.54E-04	240.	4.82	19.44	9.40E-05	4	
5.44E-09	.00	204	D	C					
MO	136	1.00E-08	1.79E-08	6500	0.00				
3.29E-04	1.32E-03	26.	39.						
4.82	9.44	12.44							
1000.	3200.	112	3.082 -14.03						
FUS-STB-TOP-1820	220660	5.44E-05	1.21E-03	240.	4.82	19.44	9.40E-05	4	
5.44E-09	.56	204	D	C					
MO	136	1.00E-08	1.79E-08	6500	3.44				
6.42E-04	2.43E-03	14.	16.						
4.82	17.44	19.44							
1000.	3200.	112	3.405 -14.03						
FUS-STB-TOP-1840	240640	5.50E-05	5.50E-04	240.	4.82	19.44	9.40E-05	4	
5.44E-09	.00	204	D	C					
MO	136	1.00E-08	1.79E-08	6500	0.00				
2.79E-04	1.12E-03	26.	39.						
4.82	9.44	12.44							
1000.	3200.	112	3.131 -14.03						
FUS-STB-TOP-1840	273040	4.55E-05	1.02E-03	240.	4.82	19.44	9.40E-05	4	
5.44E-09	.66	204	D	C					
MO	136	1.00E-08	1.79E-08	6500	3.44				
5.54E-04	2.63E-03	14.	16.						
4.82	17.44	19.44							
1000.	3200.	112	2.051 -14.03						
FUS-STB-TOP-1900	304300	4.06E-05	4.53E-04	240.	4.82	19.44	9.40E-05	4	
5.44E-09	.00	204	D	C					
MO	136	1.00E-08	1.79E-08	6500	0.00				
2.29E-04	9.00E-04	26.	39.						
4.82	9.44	12.44							
1000.	3200.	112	2.501 -14.03						
FUS-STB-TOP-1900	335220	3.71E-05	4.70E-04	240.	4.82	19.44	9.40E-05	4	
5.44E-09	.66	204	D	C					
MO	136	1.00E-08	1.79E-08	6500	3.44				
4.51E-04	1.64E-03	14.	16.						
4.82	17.44	19.44							
1000.	3200.	112	2.322 -14.03						
FUS-STB-TOP-1920	364300	3.40E-05	3.79E-04	240.	4.82	19.44	9.40E-05	4	
5.44E-09	.00	204	D	C					
MO	136	1.00E-08	1.79E-08	6500	0.00				
1.09E-04	7.57E-04	26.	39.						
4.82	9.44	12.44							
1000.	3200.	112	2.125 -14.03						
FUS-STB-TOP-1940	399600	3.11E-05	4.94E-04	240.	4.82	19.44	9.40E-05	4	
5.44E-09	.66	204	D	C					
MO	136	1.00E-08	1.79E-08	6500	3.44				
3.79E-04	1.39E-03	14.	16.						
4.82	17.44	19.44							
1000.	3200.	112	1.940 -14.03						
FUS-STB-TOP-1940	444400	2.00E-05	2.00E-04	240.	4.82	19.44	9.40E-05	4	

5.44E-09	.618	2.744	0	C					
NO	1.136	1.00E-08	1.79E-08	6500	19.44				
1.56E-04	6.25E-04	26.	39.						
4.02	9.44	12.44							
1000.	3200.	112	1.750	-14.03					
FUS-S7M-TOP-1000	444000	2.00E-05	6.25E-04	240.	4.02	19.44	9.40E-05	4	
5.44E-09	.66	2.04	0	C					
NO	1.136	1.00E-08	1.79E-08	6500	3.44				
3.41E-04	1.25E-03	14.	16.						
4.02	17.44	19.44							
1000.	3200.	112	1.750	-14.03					
FUS-S7M-TOP-1000	444000	2.00E-05	3.12E-04	240.	4.02	19.44	9.40E-05	4	
5.44E-09	.80	2.04	0	C					
NO	1.136	1.00E-08	1.79E-08	6500	0.00				
1.56E-04	6.25E-04	26.	39.						
4.02	9.44	12.44							
1000.	3200.	112	1.750	-14.03					
FUS-S7M-TOP-1000	444000	2.00E-05	6.25E-04	240.	4.02	19.44	9.40E-05	4	
5.44E-09	.66	2.04	0	C					
NO	1.136	1.00E-08	1.79E-08	6500	3.44				
3.41E-04	1.25E-03	14.	16.						
4.02	17.44	19.44							
1000.	3200.	112	1.750	-14.03					
FUS-S7M-TOP-1000	444000	2.00E-05	3.12E-04	240.	4.02	19.44	9.40E-05	4	
5.44E-09	.80	2.04	0	C					
NO	1.136	1.00E-08	1.79E-08	6500	0.00				
1.56E-04	6.25E-04	26.	39.						
4.02	9.44	12.44							
1000.	3200.	112	1.750	-14.03					
FUS-S7M-TOP-1000	444000	2.00E-05	6.25E-04	240.	4.02	19.44	9.40E-05	4	
5.44E-09	.66	2.04	0	C					
NO	1.136	1.00E-08	1.79E-08	6500	3.44				
3.41E-04	1.25E-03	14.	16.						
4.02	17.44	19.44							
1000.	3200.	112	1.750	-14.03					
FUS-S7M-TOP-1000	444000	2.00E-05	3.12E-04	240.	4.02	19.44	9.40E-05	4	
5.44E-09	.80	2.04	0	C					
NO	1.136	1.00E-08	1.79E-08	6500	0.00				
1.56E-04	6.25E-04	26.	39.						
4.02	9.44	12.44							
1000.	3200.	112	1.750	-14.03					
FUS-S7M-TOP-1000	444000	2.00E-05	6.25E-04	240.	4.02	19.44	9.40E-05	4	
5.44E-09	.66	2.04	0	C					
NO	1.136	1.00E-08	1.79E-08	6500	3.44				
3.41E-04	1.25E-03	14.	16.						
4.02	17.44	19.44							
1000.	3200.	112	1.750	-14.03					

5.44E-09	.66	204	0	C	
NO	136	1.00E-08	1.79E-08	6500	3.44
3.41E-04	1.25E-03	16.	16.		
4.02	17.44	19.44			
1000.	3200.	112	1.750	-16.03	
FUS-5TR-TOP-2260	532000	2.33E-05	5.21E-04	240.	4.02 19.44 9.40E-05 4
5.44E-09	.00	204	0	C	
NO	136	1.00E-08	1.79E-08	6500	0.00
2.00E-04	1.04E-03	26.	39.		
4.02	9.44	12.44			
1000.	3200.	112	1.600	-14.03	
FUS-5TR-TOP-2260	430360	1.95E-05	4.30E-04	240.	4.02 19.44 9.40E-05 4
5.44E-09	.66	204	0	C	
NO	136	1.00E-08	1.79E-08	6500	3.44
2.37E-04	0.60E-04	16.	16.		
4.02	17.44	19.44			
1000.	3200.	112	1.226	-16.03	
FUS-5TR-TOP-2240	754000	1.65E-05	1.80E-04	240.	4.02 19.44 9.40E-05 4
5.44E-09	.00	204	0	C	
NO	136	1.00E-08	1.79E-08	6500	0.00
9.19E-05	3.60E-04	26.	39.		
4.02	9.44	12.44			
1000.	3200.	112	1.030	-14.03	
FUS-5TR-TOP-2240	899100	1.30E-05	3.00E-04	240.	4.02 19.44 9.40E-05 4
5.44E-09	.66	204	0	C	
NO	136	1.00E-08	1.79E-08	6500	3.44
1.60E-04	6.17E-04	16.	16.		
4.02	17.44	19.44			
1000.	3200.	112	0.966	-16.03	
FUS-5TR-TOP-2360	999900	1.24E-05	1.39E-04	240.	4.02 19.44 9.40E-05 4
5.44E-09	.00	204	0	C	
NO	136	1.00E-08	1.79E-08	6500	0.00
6.90E-05	2.77E-04	26.	39.		
4.02	9.44	12.44			
1000.	3200.	112	0.779	-16.03	
FUS-5TR-TOP-2360	999900	1.24E-05	2.77E-04	240.	4.02 19.44 9.40E-05 4
5.44E-09	.66	204	0	C	
NO	136	1.00E-08	1.79E-08	6500	3.44
1.51E-04	5.55E-04	16.	16.		
4.02	17.44	19.44			
1000.	3200.	112	0.779	-16.03	
FUS-5TR-TOP-2360	999900	1.24E-05	1.39E-04	240.	4.02 19.44 9.40E-05 4
5.44E-09	.00	204	0	C	
NO	136	1.00E-08	1.79E-08	6500	0.00
6.90E-05	2.77E-04	26.	39.		
4.02	9.44	12.44			
1000.	3200.	112	0.779	-16.03	
FUS-5TR-TOP-2340	999900	1.24E-05	2.77E-04	240.	4.02 19.44 9.40E-05 4
5.44E-09	.66	204	0	C	
NO	136	1.00E-08	1.79E-08	6500	3.44
1.51E-04	5.55E-04	16.	16.		
4.02	17.44	19.44			
1000.	3200.	112	0.779	-16.03	
FUS-5TR-TOP-2360	999900	1.24E-05	1.39E-04	240.	4.02 19.44 9.40E-05 4
5.44E-09	.00	204	0	C	
NO	136	1.00E-08	1.79E-08	6500	0.00
6.90E-05	2.77E-04	26.	39.		
4.02	9.44	12.44			
1000.	3200.	112	0.779	-16.03	
FUS-5TR-TOP-2360	999900	1.24E-05	1.39E-04	240.	4.02 19.44 9.40E-05 4
5.44E-09	.00	204	0		

1.110E-04	0.00	0.05	0	C
YES	305	4.022E-09	4.022E-09	5000
1.07E-04	7.66E-04	19.	22.	
13.6	25.0	20.6		
1000.	3200.	132.	019	-10.72
FUS	W14-FRM-0100	470200	5.20E-05	1.07E-04
1.110E-04	0.00	0.05	0	C
YES	305	4.022E-09	4.022E-09	5000
9.35E-05	3.73E-04	9.5	11.	
6.0	12.0	14.4		
1000.	3200.	132.	019	-10.72
FUS	W14-FRM-0230	470200	5.20E-05	1.07E-04
1.110E-04	0.00	0.05	0	C
YES	305	4.022E-09	4.022E-09	5000
9.35E-05	3.73E-04	9.5	11.	
6.0	12.0	14.4		
1000.	3200.	132.	019	-10.72
FUS	W14-FRM-0290	470200	5.20E-05	1.07E-04
1.110E-04	0.00	0.05	0	C
YES	305	4.022E-09	4.022E-09	5000
9.35E-05	3.73E-04	9.5	11.	
6.0	12.0	14.4		
1000.	3200.	132.	019	-10.72
FUS	W14-FRM-0310	470200	5.20E-05	1.07E-04
1.110E-04	0.00	0.05	0	C
YES	305	4.022E-09	4.022E-09	5000
9.35E-05	3.73E-04	9.5	11.	
6.0	12.0	14.4		
1000.	3200.	132.	019	-10.72
FUS	W14-FRM-0330	470200	5.20E-05	1.07E-04
1.110E-04	0.00	0.05	0	C
YES	305	4.022E-09	4.022E-09	5000
9.35E-05	3.73E-04	9.5	11.	
6.0	12.0	14.4		
1000.	3200.	132.	019	-10.72
FUS	W14-FRM-0350	470200	5.20E-05	1.07E-04
1.110E-04	0.00	0.05	0	C
YES	305	4.022E-09	4.022E-09	5000
9.35E-05	3.73E-04	9.5	11.	
6.0	12.0	14.4		
1000.	3200.	132.	019	-10.72
FUS	W14-FRM-0370	470200	5.20E-05	1.07E-04
1.110E-04	0.00	0.05	0	C
YES	305	4.022E-09	4.022E-09	5000
9.35E-05	3.73E-04	9.5	11.	
6.0	12.0	14.4		
1000.	3200.	132.	019	-10.72
FUS	W14-FRM-0390	470200	5.20E-05	1.07E-04
1.110E-04	0.00	0.05	0	C
YES	305	4.022E-09	4.022E-09	5000
9.35E-05	3.73E-04	9.5	11.	
6.0	12.0	14.4		
1000.	3200.	132.	019	-10.72
FUS	W14-FRM-0410	470200	5.20E-05	1.07E-04
1.110E-04	0.00	0.05	0	C
YES	305	4.022E-09	4.022E-09	5000
9.35E-05	3.73E-04	9.5	11.	
6.0	12.0	14.4		
1000.	3200.	132.	019	-10.72
FUS	W14-FRM-0430	470200	5.20E-05	1.07E-04
1.110E-04	0.00	0.05	0	C
YES	305	4.022E-09	4.022E-09	5000
9.35E-05	3.73E-04	9.5	11.	
6.0	12.0	14.4		
1000.	3200.	132.	019	-10.72
FUS	W14-FRM-0450	470200	5.20E-05	1.07E-04
1.110E-04	0.00	0.05	0	C
YES	305	4.022E-09	4.022E-09	5000
9.35E-05	3.73E-04	9.5	11.	
6.0	12.0	14.4		
1000.	3200.	132.	019	-10.72</

1.110E-04 .04 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 3.4
 9.54E-05 3.73E-04 9.5 11.
 6.8 12.9 14.4
 1000. 3200. 132 .019 -10.72
 FUS-01M-FRM-0530 470200 1.04E-04 3.73E-04 100. 13.6 14.40 1.190E-05 4
 1.110E-04 .04 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 6.8
 1.07E-04 7.44E-04 19. 22.
 13.6 25.8 28.8
 1000. 3200. 132 .019 -10.72
 FUS-01M-FRM-0530 482956 2.05E-05 7.36E-05 100. 6.8 14.40 1.190E-05 4
 1.110E-04 .04 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 3.4
 3.60E-05 1.47E-04 9.5 11.
 6.8 12.9 14.4
 1000. 3200. 132 .019 -10.72
 FUS-01M-FRM-0530 495030 3.90E-05 1.43E-05 100. 13.6 14.40 1.190E-05 4
 1.110E-04 .04 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 6.8
 7.17E-05 2.00E-04 19. 22.
 13.6 25.8 28.8
 1000. 3200. 132 .019 -10.72
 FUS-01M-FRM-0530 514640 1.97E-05 6.91E-05 100. 6.8 14.40 1.190E-05 4
 1.110E-04 .04 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 3.4
 3.45E-05 1.30E-04 9.5 11.
 6.8 12.9 14.4
 1000. 3200. 132 .017 -10.72
 FUS-01M-FRM-0610 533600 3.71E-05 1.33E-04 100. 13.6 14.40 1.190E-05 4
 1.110E-04 .04 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 6.8
 6.66E-05 2.60E-04 19. 22.
 13.6 25.8 28.8
 1000. 3200. 132 .017 -10.72
 FUS-01M-FRM-0630 545350 3.49E-05 1.25E-04 100. 13.6 14.40 1.190E-05 4
 1.110E-04 .04 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 3.4
 3.25E-05 4.51E-05 9.5 11.
 6.8 12.9 14.4
 1000. 3200. 132 .016 -10.72
 FUS-01M-FRM-0650 545350 3.49E-05 1.25E-04 100. 13.6 14.40 1.190E-05 4
 1.110E-04 .04 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 6.8
 6.29E-05 2.51E-04 19. 22.
 13.6 25.8 28.8
 1000. 3200. 132 .016 -10.72
 FUS-01M-FRM-0670 570020 1.71E-05 6.15E-05 100. 6.8 14.40 1.190E-05 4
 1.110E-04 .04 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 3.4
 3.07E-05 3.73E-04 9.5 11.
 6.8 12.9 14.4
 1000. 3200. 132 .016 -10.72
 FUS-01M-FRM-0690 597040 3.31E-05 1.19E-04 100. 13.6 14.40 1.190E-05 4
 1.110E-04 .04 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 6.8
 5.94E-05 2.37E-04 19. 22.
 13.6 25.8 28.8
 1000. 3200. 132 .015 -10.72
 FUS-01M-FRM-0710 616050 4.95E-06 5.77E-05 100. 6.8 14.40 1.190E-05 4
 1.110E-04 .04 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 3.4
 2.80E-05 1.15E-04 9.5 11.
 6.8 12.9 14.4
 1000. 3200. 132 .015 -10.72
 FUS-01M-FRM-0730 644340 5.08E-06 5.97E-05 100. 13.6 14.40 1.190E-05 4

1.110E-00 .44 .05 0 C
 YES .305 4.022E-09 4.022E-09 5000 6.0
 5.30E-05 2.15E-04 19. 22.
 13.6 25.0 20.0
 1000. 3200. 132 .014 -10.72
 FUS-010-FRM-0750 597040 3.31E-05 1.19E-04 100. 6.0 16.40 1.190E-05 3
 1.110E-00 .44 .05 0 C
 YES .305 4.022E-09 4.022E-09 5000 3.4
 5.94E-05 2.37E-04 9.5 11.
 6.0 12.9 14.4
 1000. 3200. 132 .015 -10.72
 FUS-010-FRM-0770 599990 3.54E-05 1.31E-04 100. 13.6 16.40 1.190E-05 3
 1.110E-00 .44 .05 0 C
 YES .305 4.022E-09 4.022E-09 5000 6.0
 6.50E-05 2.63E-04 19. 22.
 13.6 25.0 20.0
 1000. 3200. 132 .017 -10.72
 FUS-010-FRM-0070 524500 1.04E-05 1.09E-04 100. 6.0 16.40 1.190E-05 3
 1.110E-00 .44 .05 0 C
 YES .305 4.022E-09 4.022E-09 5000 3.4
 5.47E-05 2.10E-04 9.5 11.
 6.0 12.9 14.4
 1000. 3200. 132 .024 -10.72
 FUS-010-FRM-0150 299150 6.61E-05 2.37E-04 100. 13.6 16.40 1.190E-05 3
 1.110E-00 .44 .05 0 C
 YES .305 4.022E-09 4.022E-09 5000 6.0
 1.10E-04 4.70E-04 19. 22.
 13.6 25.0 20.0
 1000. 3200. 132 .030 -10.72
 FUS-010-FRM-0910 273000 3.61E-05 1.29E-04 100. 6.0 16.40 1.190E-05 3
 1.110E-00 .44 .05 0 C
 YES .305 4.022E-09 4.022E-09 5000 3.4
 6.49E-05 2.59E-04 9.5 11.
 6.0 12.9 14.4
 1000. 3200. 132 .033 -10.72
 FUS-010-FRM-0930 229410 8.62E-05 3.09E-04 100. 13.6 16.40 1.190E-05 3
 1.110E-00 .44 .05 0 C
 YES .305 4.022E-09 4.022E-09 5000 6.0
 1.55E-04 6.10E-04 19. 22.
 13.6 25.0 20.0
 1000. 3200. 132 .039 -10.72
 FUS-010-FRM-0950 255520 3.92E-05 1.41E-04 100. 6.0 16.40 1.190E-05 3
 1.110E-00 .44 .05 0 C
 YES .305 4.022E-09 4.022E-09 5000 3.4
 7.04E-05 2.01E-04 9.5 11.
 6.0 12.9 14.4
 1000. 3200. 132 .036 -10.72
 FUS-010-FRM-0970 216700 9.12E-05 3.27E-04 100. 13.6 16.40 1.190E-05 3
 1.110E-00 .44 .05 0 C
 YES .305 4.022E-09 4.022E-09 5000 6.0
 1.04E-04 6.54E-04 19. 22.
 13.6 25.0 20.0
 1000. 3200. 132 .042 -10.72
 FUS-010-FRM-0990 201540 4.90E-05 1.70E-04 100. 6.0 16.40 1.190E-05 3
 1.110E-00 .44 .05 0 C
 YES .305 4.022E-09 4.022E-09 5000 3.4
 0.42E-05 3.54E-04 9.5 11.
 6.0 12.9 14.4
 1000. 3200. 132 .045 -10.72
 FUS-010-FRM-1040 226300 6.41E-05 1.50E-04 100. 6.0 16.40 1.190E-05 3
 1.110E-00 .44 .05 0 C
 YES .305 4.022E-09 4.022E-09 5000 3.4
 7.93E-05 3.10E-04 9.5 11.
 6.0 12.9 14.4
 1000. 3200. 132 .040 -10.72
 FUS-010-FRM-1070 216700 9.12E-05 3.27E-04 100. 13.6 16.40 1.190E-05 3

1.110E-04 .04 .05 0 C
YES .305 4.822E-09 4.822E-09 5000 6.0
1.42E-04 3.44E-04 19. 22.
13.6 25.0 20.0
1000. 3200. 132 .043 -10.72
FUS-910-FRM-1730 215578 4.57E-05 1.05E-04 100. 6.0 10.40 1.190E-05 3
1.110E-04 .04 .05 0 C
YES .305 4.822E-09 4.822E-09 5000 3.4
8.25E-05 3.29E-04 9.5 11.
6.0 12.0 10.0
1000. 3200. 132 .042 -10.72
FUS-910-FRM-1750 211090 9.34E-05 3.35E-04 106. 13.6 14.40 1.190E-05 3
1.110E-04 .04 .05 0 C
YES .305 4.822E-09 4.822E-09 5000 6.0
1.40E-04 6.70E-04 19. 22.
13.6 25.0 20.0
1000. 3200. 132 .043 -10.72
FUS-910-FRM-1570 204620 4.70E-05 1.72E-04 100. 6.0 10.40 1.190E-05 3
1.110E-04 .04 .05 0 C
YES .305 4.822E-09 4.822E-09 5000 3.4
9.40E-05 3.43E-04 9.5 11.
6.0 12.0 10.0
1000. 3200. 132 .044 -10.72
FUS-910-FRM-1500 202010 9.75E-05 3.49E-04 160. 13.6 14.40 1.190E-05 3
1.110E-04 .04 .05 0 C
YES .305 4.822E-09 4.822E-09 5000 6.0
1.79E-04 6.90E-04 19. 22.
13.6 25.0 20.0
1000. 3200. 132 .044 -10.72
FUS-910-FRM-1010 199010 4.97E-05 1.70E-04 100. 6.0 10.40 1.190E-05 3
1.110E-04 .04 .05 0 C
YES .305 4.822E-09 4.822E-09 5000 3.4
8.93E-05 3.54E-04 9.5 11.
6.0 12.0 10.0
1000. 3200. 132 .045 -10.72
FUS-910-FRM-1630 195210 1.01E-04 3.63E-04 100. 13.6 14.40 1.190E-05 3
1.110E-04 .04 .05 0 C
YES .305 4.822E-09 4.822E-09 5000 6.0
1.40E-04 7.27E-04 19. 22.
13.6 25.0 20.0
1000. 3200. 132 .044 -10.72
FUS-910-FRM-1730 100000 5.20E-05 1.07E-04 100. 6.0 10.40 1.190E-05 4
1.110E-04 .04 .05 0 C
YES .305 4.822E-09 4.822E-09 5000 3.4
9.35E-05 3.73E-04 9.5 11.
6.0 12.0 10.0
1000. 3200. 132 .050 -10.72
FUS-910-FRM-1750 190100 1.04E-04 3.73E-04 100. 13.6 14.40 1.190E-05 4
1.110E-04 .04 .05 0 C
YES .305 4.822E-09 4.822E-09 5000 6.0
1.87E-04 7.46E-04 19. 22.
13.6 25.0 20.0
1000. 3200. 132 .047 -10.72
FUS-910-FRM-1770 200200 4.94E-05 1.77E-04 100. 6.0 10.40 1.190E-05 4
1.110E-04 .04 .05 0 C
YES .305 4.822E-09 4.822E-09 5000 3.4
8.80E-05 3.54E-04 9.5 11.
6.0 12.0 10.0
1000. 3200. 132 .045 -10.72
FUS-910-FRM-1700 210420 4.39E-05 3.37E-04 100. 13.6 14.40 1.190E-05 4
1.110E-04 .04 .05 0 C
YES .305 4.822E-09 4.822E-09 5000 4.8
1.40E-04 6.70E-04 19. 22.
13.6 25.0 20.0
1000. 3200. 132 .043 -10.72
FUS-910-FRM-1010 200000 4.40E-05 1.70E-04 100. 6.0 10.40 1.190E-05 4

1-110E-00 .00 .05 D C
YES .305 4.022E-09 4.022E-09 5900 3.0
0.04E-05 3.21E-04 9.5 11.
6.0 12.9 14.0
1000. 3200. 132 .001 -10.72
F05-W10-F00-1030 731970 0.52E-05 3.05E-04 100. 13.6 16.00 1.190E-05 4
1-110E-00 .00 .05 D C
YES .305 4.022E-09 4.022E-09 5900 6.0
1-53E-04 6.11E-04 19. 22.
13.6 25.0 28.0
1000. 3200. 132 .020 -10.72
F05-W10-F00-1030 725360 4.39E-05 1.54E-04 100. 6.0 16.00 1.190E-05 4
1-110E-00 .00 .05 D C
YES .305 4.022E-09 4.022E-09 5900 3.0
7.00E-05 3.15E-04 9.5 11.
6.0 12.9 14.0
1000. 3200. 132 .004 -10.72
F05-W10-F00-1070 700020 7.04E-05 3.15E-04 100. 13.6 16.00 1.190E-05 4
1-110E-00 .00 .05 D C
YES .305 4.022E-09 4.022E-09 5900 6.0
1-50E-04 6.29E-04 19. 22.
13.6 25.0 28.0
1000. 3200. 132 .034 -10.72
F05-W10-F00-1090 275090 3.50E-05 1.29E-04 100. 6.0 16.00 1.190E-05 4
1-110E-00 .00 .05 D C
YES .305 4.022E-09 4.022E-09 5900 3.0
6.09E-05 2.57E-04 9.5 11.
6.0 12.9 14.0
1000. 3200. 132 .033 -10.72
F05-W10-F00-1010 299150 6.61E-05 2.37E-04 100. 13.6 16.00 1.190E-05 4
1-110E-00 .00 .05 D C
YES .305 4.022E-09 4.022E-09 5900 6.0
1-19E-04 4.74E-04 19. 22.
13.6 25.0 28.0
1000. 3200. 132 .030 -10.72
F05-W10-F00-1030 310160 3.10E-05 1.12E-04 100. 6.0 16.00 1.190E-05 4
1-110E-00 .00 .05 D C
YES .305 4.022E-09 4.022E-09 5900 3.0
5.50E-05 2.23E-04 9.5 11.
6.0 12.9 14.0
1000. 3200. 132 .020 -10.72
F05-W10-F00-1950 303520 5.17E-05 2.04E-04 100. 13.6 16.00 1.190E-05 4
1-110E-00 .00 .05 D C
YES .305 4.022E-09 4.022E-09 5900 6.0
1.04E-04 4.13E-04 19. 22.
13.6 25.0 28.0
1000. 3200. 132 .026 -10.72
F05-W10-F00-1970 303520 2.07E-05 1.04E-04 100. 6.0 16.00 1.190E-05 4
1-110E-00 .00 .05 D C
YES .305 4.022E-09 4.022E-09 5900 3.0
5.10E-05 2.04E-04 9.5 11.
6.0 12.9 14.0
1000. 3200. 132 .020 -10.72
F05-W10-F00-1990 303520 5.17E-05 2.04E-04 100. 13.6 16.00 1.190E-05 4
1-110E-00 .00 .05 D C
YES .305 4.022E-09 4.022E-09 5900 6.0
1.04E-04 4.13E-04 19. 22.
13.6 25.0 28.0
1000. 3200. 132 .026 -10.72
F05-W10-F00-2010 303520 2.07E-05 1.04E-04 100. 6.0 16.00 1.190E-05 4
1-110E-00 .00 .05 D C
YES .305 4.022E-09 4.022E-09 5900 3.0
5.10E-05 2.04E-04 9.5 11.
6.0 12.9 14.0
1000. 3200. 132 .020 -10.72
F05-W10-F00-2030 303520 2.07E-05 1.04E-04 100. 13.6 16.00 1.190E-05 4

1.110E-08 .44 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 6.8
 1.04E-04 4.13E-04 19. 22.
 13.6 75.8 20.9
 1000. 3200. 132 .026 -10.72
 FUS-WIN-FRM-2050 343520 2.07E-05 1.04E-04 100. 6.8 14.40 1.190E-05 4
 1.110E-08 .44 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 3.4
 5.10E-05 2.06E-04 9.5 11.
 6.8 12.9 14.4
 1000. 3200. 132 .026 -10.72
 FUS-WIN-FRM-2070 343520 5.75E-05 2.06E-04 100. 13.6 14.40 1.190E-05 4
 1.110E-08 .44 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 6.8
 1.04E-04 4.13E-04 19. 22.
 13.6 75.8 20.9
 1000. 3200. 132 .026 -10.72
 FUS-WIN-FRM-2090 343520 2.07E-05 1.04E-04 100. 6.8 14.40 1.190E-05 4
 1.110E-08 .44 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 3.4
 5.10E-05 2.06E-04 9.5 11.
 6.8 12.9 14.4
 1000. 3200. 132 .026 -10.72
 FUS-WIN-FRM-2110 343520 5.75E-05 2.06E-04 100. 13.6 14.40 1.190E-05 4
 1.110E-08 .44 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 6.8
 1.04E-04 4.13E-04 19. 22.
 13.6 75.8 20.9
 1000. 3200. 132 .026 -10.72
 FUS-WIN-FRM-2130 343520 2.07E-05 1.04E-04 100. 6.8 14.40 1.190E-05 4
 1.110E-08 .44 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 3.4
 5.10E-05 2.06E-04 9.5 11.
 6.8 12.9 14.4
 1000. 3200. 132 .026 -10.72
 FUS-WIN-FRM-2150 343520 5.75E-05 2.06E-04 100. 13.6 14.40 1.190E-05 4
 1.110E-08 .44 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 6.8
 1.04E-04 4.13E-04 19. 22.
 13.6 75.8 20.9
 1000. 3200. 132 .026 -10.72
 FUS-WIN-FRM-2170 343520 2.07E-05 1.04E-04 100. 6.8 14.40 1.190E-05 4
 1.110E-08 .44 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 3.4
 5.10E-05 2.06E-04 9.5 11.
 6.8 12.9 14.4
 1000. 3200. 132 .026 -10.72
 FUS-WIN-FRM-2190 394270 5.01E-05 1.79E-04 100. 13.6 14.40 1.190E-05 4
 1.110E-08 .44 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 6.8
 9.02E-05 3.59E-04 19. 22.
 13.6 75.8 20.9
 1000. 3200. 132 .023 -10.72
 FUS-WIN-FRM-2210 455070 2.17E-05 7.01E-05 100. 6.8 14.40 1.190E-05 4
 1.110E-08 .44 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 3.4
 3.90E-05 1.50E-04 9.5 11.
 6.8 12.9 14.4
 1000. 3200. 132 .020 -10.72
 FUS-WIN-FRM-1010 202010 9.75E-05 3.49E-04 100. 13.6 14.40 1.190E-05 3
 1.110E-08 .44 .05 D C
 YES .305 4.022E-09 4.022E-09 5900 6.8
 1.75E-04 6.94E-04 17. 22.
 13.6 75.8 20.9
 1000. 3200. 132 .044 -10.72
 FUS-WIN-FRM-1020 202010 9.75E-05 3.49E-04 100. 13.6 14.40 1.190E-05 3

1.110E-04 .04 .05 D C
YES .305 4.022E-09 4.022E-09 5900 3.4
9.71E-05 3.47E-04 9.5 11.
6.8 12.9 14.4
1000. 3200. 132 .044 -10.72
FUS-M10-FMF-1050 205230 9.63E-05 3.44E-04 100. 13.6 14.40 1.190E-05 3
1.110E-04 .04 .05 D C
YES .305 4.022E-09 4.022E-09 5900 6.8
1.73E-04 6.91E-04 19. 22.
13.6 25.8 28.8
1000. 3200 132 .044 -10.72
FUS-M10-FMF-1070 205900 4.00E-05 1.72E-04 100. 6.6 14.40 1.190E-05 3
1.110E-04 .04 .05 D C
YES .305 4.022E-09 4.022E-09 5900 3.4
0.63E-05 3.44E-04 9.5 11.
6.8 12.9 14.4
1000. 3200. 132 .044 -10.72
FUS-M10-FMF-1090 206610 9.57E-05 3.43E-04 100. 13.6 14.40 1.190E-05 3
1.110E-04 .04 .05 D C
YES .305 4.022E-09 4.022E-09 5900 6.8
1.73E-04 6.91E-04 19. 22.
13.6 25.8 28.8
1000. 3200. 132 .044 -10.72
FUS-M10-FMF-1130 207250 4.77E-05 1.71E-04 100. 6.8 14.40 1.190E-05 3
1.110E-04 .04 .05 D C
YES .305 4.022E-09 4.022E-09 5900 3.4
0.50E-05 3.44E-04 9.5 11.
6.8 12.9 14.4
1000. 3200. 132 .043 -10.72
FUS-M10-FMF-1170 207800 9.50E-05 3.41E-04 100. 13.6 14.40 1.190E-05 3
1.110E-04 .04 .05 D C
YES .305 4.022E-09 4.022E-09 5900 6.8
1.71E-04 6.80E-04 19. 22.
13.6 25.8 28.8
1000. 3200 132 .043 -10.72
FUS-M10-FMF-1210 209700 4.71E-05 1.69E-04 100. 6.8 14.40 1.190E-05 3
1.110E-04 .04 .05 D C
YES .305 4.022E-09 4.022E-09 5900 3.4
0.47E-05 3.39E-04 9.5 11.
6.8 12.9 14.4
1000. 3200. 132 .043 -10.72
FUS-M10-FMF-1230 210620 9.39E-05 3.37E-04 100. 13.6 14.40 1.190E-05 3
1.110E-04 .04 .05 D C
YES .305 4.022E-09 4.022E-09 5900 6.8
1.69E-04 6.74E-04 19. 22.
13.6 25.8 28.8
1000. 3200. 132 .043 -10.72
FUS-M10-FMF-1361 204000 4.04E-05 1.74E-04 100. 6.8 14.40 1.190E-05 3
1.110E-04 .04 .05 D C
YES .305 4.022E-09 4.022E-09 5900 3.4
0.71E-05 3.47E-04 9.5 11.
6.8 12.9 14.4
1000. 3200. 132 .044 -10.72
FUS-M10-FMF-1393 206620 9.57E-05 3.43E-04 100. 13.6 14.40 1.190E-05 3
1.110E-04 .04 .05 D C
YES .305 4.022E-09 4.022E-09 5900 6.8
1.73E-04 6.91E-04 19. 22.
13.6 25.8 28.8
1000. 3200. 132 .044 -10.72
FUS-M10-FMF-1445 210420 4.69E-05 1.48E-04 100. 6.8 14.40 1.190E-05 3
1.110E-04 .04 .05 D C
YES .305 4.022E-09 4.022E-09 5900 3.4
0.45E-05 3.37E-04 9.5 11.
6.8 12.9 14.4
1000. 3200. 132 .043 -10.72
FUS-M10-FMF-1457 212410 9.57E-05 3.43E-04 100. 13.6 14.40 1.190E-05 3

[illegible]

0.160E-09	.66	.999	0 A	
00	.130	0.630E-08	0.630E-08	12000 3.25
0.00E-04	3.23E-03	30.	41.	
9.60	41.25	44.25		
1000.	3200.	112	1.091 -16.03	
F05-0F0-007-030	011010	3.90E-05	0.00E-04	72. 9.60 43.25 6.72E-05 2
0.160E-09	.10	.999	0 A	
00	.130	0.630E-08	0.630E-08	12000 46.25
0.00E-04	1.62E-03	10.	22.	
9.60	21.25	25.25		
1000.	3200.	112	1.091 -16.03	
F05-0F0-007-030	011010	3.90E-05	1.62E-03	72. 9.60 46.25 6.72E-05 2
0.160E-09	.66	.999	0 A	
00	.130	0.630E-08	0.630E-08	12000 3.25
0.00E-04	3.23E-03	30.	41.	
9.60	41.25	44.25		
1000.	3200.	112	1.091 -16.03	
F05-0F0-007-030	011010	3.90E-05	0.00E-04	72. 9.60 43.25 6.72E-05 2
0.160E-09	.10	.999	0 A	
00	.130	0.630E-08	0.630E-08	12000 46.25
0.00E-04	1.62E-03	10.	22.	
9.60	21.25	25.25		
1000.	3200.	112	1.091 -16.03	
F05-0F0-007-030	011010	3.90E-05	1.62E-03	72. 9.60 46.25 6.72E-05 2
0.160E-09	.66	.999	0 A	
00	.130	0.630E-08	0.630E-08	12000 3.25
0.00E-04	3.23E-03	30.	41.	
9.60	41.25	44.25		
1000.	3200.	112	1.091 -16.03	
F05-0F0-007-030	011010	3.90E-05	0.00E-04	72. 9.60 43.25 6.72E-05 2
0.160E-09	.10	.999	0 A	
00	.130	0.630E-08	0.630E-08	12000 46.25
0.00E-04	1.62E-03	10.	22.	
9.60	21.25	25.25		
1000.	3200.	112	1.091 -16.03	
F05-0F0-007-030	011010	3.90E-05	1.62E-03	72. 9.60 46.25 6.72E-05 2
0.160E-09	.66	.999	0 A	
00	.130	0.630E-08	0.630E-08	12000 3.25
0.00E-04	3.23E-03	30.	41.	
9.60	41.25	44.25		
1000.	3200.	112	1.091 -16.03	
F05-0F0-007-030	011010	3.90E-05	0.00E-04	72. 9.60 43.25 6.72E-05 2
0.160E-09	.10	.999	0 A	
00	.130	0.630E-08	0.630E-08	12000 46.25
0.00E-04	1.62E-03	10.	22.	
9.60	21.25	25.25		
1000.	3200.	112	1.091 -16.03	
F05-0F0-007-030	011010	3.90E-05	1.62E-03	72. 9.60 46.25 6.72E-05 2
0.160E-09	.66	.999	0 A	
00	.130	0.630E-08	0.630E-08	12000 3.25
0.00E-04	3.23E-03	30.	41.	
9.60	41.25	44.25		
1000.	3200.	112	1.091 -16.03	
F05-0F0-007-030	011010	3.90E-05	0.00E-04	72. 9.60 43.25 6.72E-05 2
0.160E-09	.10	.999	0 A	
00	.130	0.630E-08	0.630E-08	12000 46.25
0.00E-04	1.62E-03	10.	22.	
9.60	21.25	25.25		
1000.	3200.	112	1.091 -16.03	
F05-0F0-007-030	011010	3.90E-05	1.62E-03	72. 9.60 46.25 6.72E-05 2
0.160E-09	.66	.999	0 A	
00	.130	0.630E-08	0.630E-08	12000 3.25
0.00E-04	3.23E-03	30.	41.	
9.60	41.25	44.25		
1000.	3200.			

8.160E-09 .10 .999 D A
 40 .130 8.630E-08 8.630E-08 12000 46.25
 4.00E-04 1.62E-03 18. 22.
 9.60 21.25 25.25
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 8.160E-09 .64 .999 D A
 40 .130 8.630E-08 8.630E-08 12000 3.25
 7.00E-04 3.15E-03 30. 41.
 9.60 41.25 44.25
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 FUS-WFR-007-0560 434-10 3.77E-05 7.66E-04 72. 9.60 43.25 6.72E-05 2
 8.160E-09 .10 .999 D A
 40 .130 8.630E-08 8.630E-08 12000 46.25
 3.05E-04 1.53E-03 18. 22.
 9.60 21.25 25.25
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 FUS-WFR-007-0580 450-10 3.64E-05 1.40E-03 72. 9.60 46.25 6.72E-05 2
 8.160E-09 .64 .999 D A
 40 .130 8.630E-08 8.630E-08 12000 3.25
 7.30E-04 2.59E-03 30. 41.
 9.60 41.25 44.25
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 FUS-WFR-007-0600 467-10 3.51E-05 7.12E-04 72. 9.60 43.25 6.72E-05 2
 8.160E-09 .10 .999 D A
 40 .130 8.630E-08 8.630E-08 12000 46.25
 3.57E-04 1.44E-03 18. 22.
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 FUS-WFR-007-0620 479-10 3.42E-05 1.39E-03 72. 9.60 46.25 6.72E-05 2
 8.160E-09 .64 .999 D A
 40 .130 8.630E-08 8.630E-08 12000 3.25
 6.92E-04 2.70E-03 30. 41.
 9.60 41.25 44.25
 1000. 3200. 112 1.620 -14.03
 FUS-WFR-007-0640 495-10 3.31E-05 6.72E-04 72. 9.60 43.25 6.72E-05 2
 8.160E-09 .10 .999 D A
 40 .130 8.630E-08 8.630E-08 12000 46.25
 3.37E-04 1.34E-03 18. 22.
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 FUS-WFR-007-0660 506-10 3.24E-05 1.31E-03 72. 9.60 46.25 6.72E-05 2
 8.160E-09 .64 .999 D A
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 6.57E-04 2.63E-03 30. 41.
 9.60 41.25 44.25
 1000. 3200. 112 1.530 -14.03
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 8.160E-09 .10 .999 D A
 40 .130 8.630E-08 8.630E-08 12000 46.25
 3.19E-04 1.27E-03 18. 22.
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 8.160E-09 .64 .999 D A
 40 .130 8.630E-08 8.630E-08 12000 3.25
 6.10E-04 2.47E-03 30. 41.
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 8.160E-09 .10 .999 D A
 40 .130 8.630E-08 8.630E-08 12000 46.25
 2.97E-04 1.10E-03 18. 22.
 9.60 21.25 25.25
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9.16E-09 .66 .999 D A
MO .130 8.634E-08 8.634E-08 12000 3.25
5.72E-04 2.29E-03 30. 41.
9.68 41.25 44.25
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FUS-WFB-007-0760 522010 3.14E-05 6.34E-04 72. 9.68 43.25 6.72E-05 2
9.16E-09 .10 .999 D A
MO .130 8.634E-08 8.634E-08 12000 46.25
3.19E-04 1.27E-03 18. 22.
9.68 21.25 25.25
1000. 3200. 112 1.449 -14.83
FUS-WFB-007-0760 472040 3.47E-05 1.41E-03 72. 9.68 46.25 6.72E-05 2
9.16E-09 .66 .999 D A
MO .130 8.634E-08 8.634E-08 12000 3.25
7.82E-04 2.81E-03 30. 41.
9.68 41.25 44.25
1000. 3200. 112 1.647 -14.83
FUS-WFB-007-0800 420460 3.82E-05 1.74E-04 72. 9.68 43.25 6.72E-05 2
9.16E-09 .10 .999 D A
MO .130 8.634E-08 8.634E-08 12000 46.25
3.84E-04 1.55E-03 18. 22.
9.68 21.25 25.25
1000. 3200. 112 1.817 -14.83
FUS-WFB-007-0820 304040 4.27E-05 1.72E-03 72. 9.68 46.25 6.72E-05 2
9.16E-09 .66 .999 D A
MO .130 8.634E-08 8.634E-08 12000 3.25
8.66E-04 3.44E-03 30. 41.
9.68 41.25 44.25
1000. 3200. 112 2.027 -14.83
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9.16E-09 .10 .999 D A
MO .130 8.634E-08 8.634E-08 12000 46.25
2.84E-04 1.93E-03 18. 22.
9.68 21.25 25.25
1000. 3200. 112 2.254 -14.83
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9.16E-09 .66 .999 D A
MO .130 8.634E-08 8.634E-08 12000 3.25
1.87E-03 4.19E-03 30. 41.
9.68 41.25 44.25
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FUS-WFB-007-0880 204160 5.76E-05 1.17E-03 72. 9.68 43.25 6.72E-05 2
9.16E-09 .10 .999 D A
MO .130 8.634E-08 8.634E-08 12000 46.25
5.87E-04 2.34E-03 18. 22.
9.68 21.25 25.25
1000. 3200. 112 2.740 -14.83
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9.16E-09 .66 .999 D A
MO .130 8.634E-08 8.634E-08 12000 3.25
1.27E-03 5.87E-03 30. 41.
9.68 41.25 44.25
1000. 3200. 112 2.972 -14.83
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9.16E-09 .10 .999 D A
MO .130 8.634E-08 8.634E-08 12000 46.25
6.44E-04 2.77E-03 18. 22.
9.68 21.25 25.25
1000. 3200. 112 3.248 -14.83
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9.16E-09 .66 .999 D A
MO .130 8.634E-08 8.634E-08 12000 3.25
1.54E-03 6.82E-03 30. 41.
9.68 41.25 44.25
1000. 3200. 112 3.525 -14.83
FUS-WFB-007-0960 21110 7.41E-05 1.09E-03 72. 9.68 43.25 6.72E-05 2

0.160E-09	.18 .909 D A		
NO .130 0.630E-00 0.630E-00 12000 46.25			
7.54E-04	3.00E-03 10. 22.		
9.60 21.25 25.25			
1000. 3200. 112 4.321 -14.03			
FUS-WFR-007-1100 100930 0.63E-05 1.75E-03 72. 9.60 46.25 6.72E-05 2			
0.160E-09	.66 .909 D A		
NO .130 0.630E-00 0.630E-00 12000 3.25			
0.00E-04	7.00E-03 30. 41.		
9.60 41.25 44.25			
1000. 3200. 112 4.182 -14.03			
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0.160E-09	.18 .909 D A		
NO .130 0.630E-00 0.630E-00 12000 46.25			
9.47E-04	3.70E-03 10. 22.		
9.60 21.25 25.25			
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FUS-WFR-007-1070 177600 9.23E-05 3.75E-03 72. 9.60 46.25 6.72E-05 2			
0.160E-09	.66 .909 D A		
NO .130 0.630E-00 0.630E-00 12000 3.25			
1.07E-03	7.00E-03 30. 41.		
9.60 41.25 44.25			
1000. 3200. 112 4.304 -14.03			
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0.160E-09	.18 .909 D A		
NO .130 0.630E-00 0.630E-00 12000 46.25			
9.35E-04	3.20E-03 10. 22.		
9.60 21.25 25.25			
1000. 3200. 112 4.357 -14.03			
FUS-WFR-007-1060 179020 9.11E-05 3.60E-03 72. 9.60 46.25 6.72E-05 2			
0.160E-09	.66 .909 D A		
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1.00E-03	7.30E-03 30. 41.		
9.60 41.25 44.25			
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FUS-WFR-007-1000 100375 9.12E-05 1.04E-03 72. 9.60 43.25 6.72E-05 2			
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NO .130 0.630E-00 0.630E-00 12000 46.25			
9.24E-04	3.60E-03 10. 22.		
9.60 21.25 25.25			
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FUS-WFR-007-1100 100930 9.05E-05 3.67E-03 72. 9.60 40.25 6.72E-05 2			
0.160E-09	.66 .909 D A		
NO .130 0.630E-00 0.630E-00 12000 3.25			
1.03E-03	7.30E-03 30. 41.		
9.60 41.25 44.25			
1000. 3200. 112 4.306 -14.03			
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0.160E-09	.18 .909 D A		
NO .130 0.630E-00 0.630E-00 12000 46.25			
9.20E-04	3.60E-03 10. 22.		
9.60 21.25 25.25			
1000. 3200. 112 4.290 -14.03			
FUS-WFR-007-1100 101405 9.02E-05 3.60E-03 72. 9.60 46.25 6.72E-05 2			
0.160E-09	.66 .909 D A		
NO .130 0.630E-00 0.630E-00 12000 3.25			
1.03E-03	7.30E-03 30. 41.		
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1.81E-03 7.24E-03 10. 22.
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1.72E-03 6.00E-03 30. 41.
9.60 21.25 44.25
1000. 6400. 112 3.876 -16.83
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0.31E-04 3.31E-03 10. 22.
9.60 21.25 25.25
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FUS-WFR-007-1540 100010 0.05E-05 3.67E-03 72. 9.60 46.25 6.72E-05 2
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1.03E-03 7.35E-03 30. 41.
9.60 21.25 44.25
1000. 6400. 112 4.055 -16.83
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0.160E-09 .10 .909 D A
W0 .130 0.634E-08 0.634E-08 12000 46.25
0.35E-04 3.75E-03 10. 22.
9.60 21.25 25.25
1000. 6400. 112 4.125 -16.83
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0.160E-09 .66 .909 D A
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1.91E-03 7.43E-03 30. 41.
9.60 21.25 44.25
1000. 6400. 112 4.201 -16.83
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0.160E-09 .10 .909 D A
W0 .130 0.634E-08 0.634E-08 12000 46.25
0.00E-04 3.09E-03 10. 22.
9.60 21.25 25.25
1000. 6400. 112 4.304 -16.83
FUS-WFR-007-1540 100010 0.05E-05 3.67E-03 72. 9.60 46.25 6.72E-05 2
0.160E-09 .66 .909 D A
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1.82E-03 7.35E-03 30. 41.
9.60 21.25 44.25
1000. 6400. 112 4.304 -16.83
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0.160E-09 .10 .909 D A
W0 .130 0.634E-08 0.634E-08 12000 46.25
0.35E-04 3.75E-03 10. 22.
9.60 21.25 25.25
1000. 6400. 112 4.468 -16.83
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0.160E-09 .66 .999 D A
 NO .130 8.634E-08 8.634E-08 12000 3.25
 1.971E-03 7.93E-03 30. 41.
 9.68 41.25 44.25
 1000. 1600. 112 4.555 -16.83
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 0.160E-09 .18 .999 D A
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 1000. 1600. 112 4.644 -14.83
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 0.160E-09 .66 .999 D A
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 1.971E-03 7.93E-03 30. 41.
 9.68 41.25 44.25
 1000. 1600. 112 4.740 -16.83
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 0.160E-09 .18 .999 D A
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 1.01E-03 4.04E-03 18. 22.
 9.68 21.25 25.25
 1000. 1600. 112 4.895 -16.83
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 2.05E-03 8.20E-03 30. 41.
 9.68 41.25 44.25
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 NO .130 8.634E-08 8.634E-08 12000 46.25
 1.05E-03 4.14E-03 18. 22.
 9.68 21.25 25.25
 1000. 1600. 112 4.940 -16.83
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 0.160E-09 .66 .999 D A
 NO .130 8.634E-08 8.634E-08 12000 3.25
 2.11E-03 8.44E-03 30. 41.
 9.68 41.25 44.25
 1000. 1600. 112 5.677 -16.83
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 0.160E-09 .18 .999 D A
 NO .130 8.634E-08 8.634E-08 12000 46.25
 1.09E-03 3.99E-03 18. 22.
 9.68 21.25 25.25
 1000. 1600. 112 4.448 -16.83
 FUS-WFR-007-1780 175300 9.34E-05 3.99E-03 72. 9.68 46.25 6.72E-05 2
 0.160E-09 .66 .999 D A
 NO .130 8.634E-08 8.634E-08 12000 3.25
 1.99E-03 7.99E-03 30. 41.
 9.68 41.25 44.25
 1000. 1600. 112 4.226 -16.83
 FUS-WFR-007-1800 184260 8.94E-05 1.80E-03 72. 9.68 43.25 6.72E-05 2
 0.160E-09 .18 .999 D A
 NO .130 8.634E-08 8.634E-08 12000 46.25
 9.07E-04 3.61E-03 18. 22.
 9.68 21.25 25.25
 1000. 1600. 112 4.832 -16.83
 FUS-WFR-007-1820 193100 8.49E-05 3.44E-03 72. 9.68 46.25 6.72E-05 2
 0.160E-09 .66 .999 D A
 NO .130 8.634E-08 8.634E-08 12000 3.25
 1.72E-03 6.09E-03 30. 41.
 9.68 41.25 44.25
 1000. 1600. 112 3.833 -16.83
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0.160E-09 .10 .999 D A
 MO .130 8.630E-08 8.630E-08 12000 46.25
 9.60 21.25 25.25
 1000. 1600. 112 3.946 -14.03
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 0.160E-09 .66 .999 D A
 MO .130 8.630E-08 8.630E-08 12000 3.25
 1.64E-03 6.74E-03 30. 41.
 9.60 21.25 44.25
 1000. 1600. 112 3.356 -14.03
 FUS-WFR-001-1000 231900 7.07E-05 1.43E-03 72. 9.60 43.25 6.72E-05 2
 0.160E-09 .10 .999 D A
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 7.20E-04 2.87E-03 16. 22.
 9.60 21.25 25.25
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 0.160E-09 .66 .999 D A
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 1.30E-03 5.51E-03 30. 41.
 9.60 21.25 44.25
 1000. 1600. 112 2.972 -14.03
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 0.160E-09 .10 .999 D A
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 6.30E-04 2.54E-03 10. 22.
 9.60 21.25 25.25
 1000. 1600. 112 2.795 -14.03
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 0.160E-09 .66 .999 D A
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 1.19E-03 4.77E-03 30. 41.
 9.60 21.25 44.25
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 0.160E-09 .10 .999 D A
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 5.55E-04 2.21E-03 10. 22.
 9.60 21.25 25.25
 1000. 1600. 112 2.509 -14.03
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 1.11E-03 4.42E-03 30. 41.
 9.60 21.25 44.25
 1000. 1600. 112 2.509 -14.03
 FUS-WFR-001-1000 300010 5.45E-05 1.11E-03 72. 9.60 43.25 6.72E-05 2
 0.160E-09 .10 .999 D A
 MO .130 8.630E-08 8.630E-08 12000 46.25
 5.55E-04 2.21E-03 10. 22.
 9.60 21.25 25.25
 1000. 1600. 112 2.509 -14.03
 FUS-WFR-001-1000 300010 5.45E-05 2.21E-03 72. 9.60 46.25 6.72E-05 2
 0.160E-09 .66 .999 D A
 MO .130 8.630E-08 8.630E-08 12000 3.25
 1.11E-03 4.42E-03 30. 41.
 9.60 21.25 44.25
 1000. 1600. 112 2.509 -14.03
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 0.160E-09 .10 .999 D A
 MO .130 8.630E-08 8.630E-08 12000 46.25
 5.55E-04 2.21E-03 10. 22.
 9.60 21.25 25.25
 1000. 1600. 112 2.509 -14.03
 FUS-WFR-001-1000 300010 5.45E-05 2.21E-03 72. 9.60 46.25 6.72E-05 2

8.14E-09	.66	.949	0	A	
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1.11E-03	4.42E-03	30.41			
9.64	41.25	44.25			
1000.	1600.	112	2.509	-14.03	
FUS-WFR-007	-2100	300010	5.45E-05	1.11E-03	72.
9.64E-09	.10	.949	0	A	
W0.130	8.634E-08	8.634E-08	12000	46.25	
5.5E-04	2.21E-03	10.22.			
9.64	21.25	25.25			
1000.	1600.	112	2.509	-14.03	
FUS-WFR-007	-2100	300010	5.45E-05	2.21E-03	72.
9.64E-09	.66	.949	0	A	
W0.130	8.634E-08	8.634E-08	12000	3.25	
1.11E-03	4.42E-03	30.41.			
9.64	41.25	44.25			
1000.	1600.	112	2.509	-14.03	
FUS-WFR-007	-2100	300010	5.45E-05	1.11E-03	72.
9.64E-09	.10	.949	0	A	
W0.130	8.634E-08	8.634E-08	12000	46.25	
5.5E-04	2.21E-03	10.22.			
9.64	21.25	25.25			
1000.	1600.	112	2.509	-14.03	
FUS-WFR-007	-2100	300010	5.45E-05	2.21E-03	72.
9.64E-09	.66	.949	0	A	
W0.130	8.634E-08	8.634E-08	12000	3.25	
1.11E-03	4.42E-03	30.41.			
9.64	41.25	44.25			
1000.	1600.	112	2.509	-14.03	
FUS-WFR-007	-2200	305250	4.75E-05	9.63E-04	72.
9.64E-09	.10	.949	0	A	
W0.130	8.634E-08	8.634E-08	12000	46.25	
4.8E-04	1.93E-03	10.22.			
9.64	21.25	25.25			
1000.	1600.	112	2.255	-14.03	
FUS-WFR-007	-2200	300490	6.11E-05	1.47E-03	72.
9.64E-09	.66	.949	0	A	
W0.130	8.634E-08	8.634E-08	12000	3.25	
8.34E-04	3.34E-03	30.41.			
9.64	41.25	44.25			
1000.	1600.	112	1.954	-14.03	
FUS-WFR-007	-2200	520360	3.59E-05	1.46E-03	72.
8.160E-09	.10	.949	0	A	
W0.130	8.634E-08	8.634E-08	12000	46.25	
7.29E-04	2.92E-03	10.22.			
9.64	21.25	25.25			
1000.	1600.	112	1.707	-14.03	
FUS-WFR-007	-2200	520360	3.10E-05	1.26E-03	72.
8.164E-09	.66	.949	0	A	
W0.130	8.634E-08	8.634E-08	12000	3.25	
6.29E-04	2.52E-03	30.41.			
9.64	41.25	44.25			
1000.	1600.	112	1.674	-14.03	
FUS-WFR-007	-2200	520360	2.75E-05	1.05E-03	72.
8.164E-09	.66	.949	0	A	
W0.130	8.634E-08	8.634E-08	12000	46.25	
6.29E-04	2.52E-03	30.41.			
9.64	41.25	44.25			
1000.	1600.	112	1.674	-14.03	
FUS-WFR-007	-2200	520360	2.75E-05	1.05E-03	72.
8.164E-09	.66	.949	0	A	
W0.130	8.634E-08	8.634E-08	12000	46.25	
6.29E-04	2.52E-03	30.41.			
9.64	41.				

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 MO .130 1.003E-08 1.793E-08 12000 46.25
 4.00E-04 1.62E-03 10. 22.
 9.60 21.25 25.25
 1000. 3200. 174 1.091 -14.03
 FUS-WFR-S10-0500 411010 3.90E-05 1.62E-03 72. 9.60 46.25 6.72E-05 4
 0.160E-09 .60 .909 0 C
 MO .130 1.003E-08 1.793E-08 12000 3.25
 0.00E-04 3.23E-03 30. 41.
 9.60 41.25 44.25
 1000. 3200. 174 1.091 -14.03
 FUS-WFR-S10-0520 411010 3.90E-05 1.62E-03 72. 9.60 43.25 6.72E-05 4
 0.160E-09 .10 .909 0 C
 MO .130 1.003E-08 1.793E-08 12000 46.25
 4.00E-04 1.62E-03 10. 22.
 9.60 21.25 25.25
 1000. 3200. 174 1.091 -14.03
 FUS-WFR-S10-0540 422010 3.07E-05 1.57E-03 72. 9.60 46.25 6.72E-05 4
 0.160E-09 .60 .909 0 C
 MO .130 1.003E-08 1.793E-08 12000 3.25
 7.00E-04 3.15E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 174 1.001 -14.03
 FUS-WFR-S10-0560 430010 3.77E-05 7.60E-04 72. 9.60 43.25 6.72E-05 4
 0.160E-09 .10 .909 0 C
 MO .130 1.003E-08 1.793E-08 12000 46.25
 3.00E-04 1.53E-03 10. 22.
 9.60 21.25 25.25
 1000. 1600. 174 1.704 -14.03
 FUS-WFR-S10-0580 450000 3.64E-05 1.40E-03 72. 9.60 46.25 6.72E-05 4
 0.160E-09 .60 .909 0 C
 MO .130 1.003E-08 1.793E-08 12000 3.25
 7.30E-04 2.59E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 174 1.720 -14.03
 FUS-WFR-S10-0600 467010 3.51E-05 7.12E-04 72. 9.60 43.25 6.72E-05 4
 0.160E-09 .10 .909 0 C
 MO .130 1.003E-08 1.793E-08 12000 46.25
 3.57E-04 1.42E-03 10. 22.
 9.60 21.25 25.25
 1000. 1600. 174 1.644 -14.03
 FUS-WFR-S10-0620 470010 3.02E-05 1.39E-03 72. 9.60 46.25 6.72E-05 4
 0.160E-09 .60 .909 0 C
 MO .13 1.003E-08 1.793E-08 12000 3.25
 6.94E-04 2.70E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 174 1.629 -14.03
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 0.160E-09 .10 .909 0 C
 MO .130 1.003E-08 1.793E-08 12000 46.25
 3.37E-04 1.30E-03 10. 22.
 9.60 21.25 25.25
 1000. 1600. 174 1.573 -14.03
 FUS-WFR-S10-0660 500100 3.24E-05 1.31E-03 72. 9.60 46.25 6.72E-05 4
 0.160E-09 .60 .909 0 C
 MO .130 1.003E-08 1.793E-08 12000 3.25
 6.57E-04 2.63E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 174 1.530 -14.03
 FUS-WFR-S10-0680 522010 3.13E-05 6.36E-04 72. 9.60 43.25 6.72E-05 4
 0.160E-09 .10 .909 0 C
 MO .130 1.003E-08 1.793E-08 12000 46.25
 3.19E-04 1.27E-03 10. 22.
 9.60 21.25 25.25
 1000. 1600. 174 1.409 -14.03
 FUS-WFR-S10-0700 530000 2.82E-05 5.27E-04 72. 9.60 46.25 6.72E-05 4

0.160E-09 .66 .999 D C
MO -130 1.003E-08 1.793E-08 12000 3.25
6.16E-04 2.47E-03 30. 41.
9.68 41.25 44.25
1000. 1600. 174 1.443 -14.03
FUS-WFR-SID-0720 561600 2.92E-05 5.92E-04 72. 9.68 43.25 6.72E-05 4
0.160E-09 .10 .999 D C
MO -130 1.003E-08 1.793E-08 12000 46.25
2.97E-04 1.18E-03 10. 22.
9.68 41.25 44.25
1000. 1600. 174 1.306 -14.03
FUS-WFR-SID-0740 570310 2.02E-05 1.15E-03 72. 9.68 46.25 6.72E-05 4
0.160E-09 .66 .999 D C
MO -130 1.003E-08 1.793E-08 12000 3.25
5.73E-04 2.29E-03 30. 41.
9.68 41.25 44.25
1000. 1600. 174 1.346 -14.03
FUS-WFR-SID-0760 522010 3.14E-05 6.36E-04 72. 9.68 43.25 6.72E-05 4
0.160E-09 .10 .999 D C
MO -130 1.003E-08 1.793E-08 12000 46.25
3.19E-04 1.27E-03 10. 22.
9.68 21.25 25.25
1000. 1600. 174 1.409 -14.03
FUS-WFR-SID-0780 472060 3.47E-05 1.41E-03 72. 9.68 46.25 6.72E-05 4
0.160E-09 .66 .999 D C
MO -130 1.003E-08 1.793E-08 12000 3.25
7.03E-04 2.01E-03 30. 41.
9.68 41.25 44.25
1000. 1600. 174 1.447 -14.03
FUS-WFR-SID-0800 420460 3.02E-05 7.76E-04 72. 9.68 43.25 6.72E-05 4
0.160E-09 .10 .999 D C
MO -130 1.003E-08 1.793E-08 12000 46.25
3.09E-04 1.55E-03 10. 22.
9.68 21.25 25.25
1000. 1600. 174 1.017 -14.03
FUS-WFR-SID-0820 304060 4.27E-05 1.73E-03 72. 9.68 46.25 6.72E-05 4
0.160E-09 .66 .999 D C
MO -130 1.003E-08 1.793E-08 12000 3.25
0.44E-04 3.44E-03 30. 41.
9.68 41.25 44.25
1000. 1600. 174 2.027 -14.03
FUS-WFR-SID-0840 345210 4.74E-05 9.63E-04 72. 9.68 43.25 6.72E-05 4
0.160E-09 .10 .999 D C
MO -130 1.003E-08 1.793E-08 12000 46.25
4.04E-04 1.73E-03 10. 22.
9.68 21.25 25.25
1000. 1600. 174 2.256 -14.03
FUS-WFR-SID-0860 317460 5.16E-05 2.09E-03 72. 9.68 46.25 6.72E-05 4
0.160E-09 .66 .999 D C
MO -130 1.003E-08 1.793E-08 12000 3.25
1.05E-03 4.19E-03 30. 41.
9.68 41.25 44.25
1000. 1600. 174 2.453 -14.03
FUS-WFR-SID-0880 200160 5.76E-05 1.17E-03 72. 9.68 43.25 6.72E-05 4
0.160E-09 .10 .999 D C
MO -130 1.003E-08 1.793E-08 12000 46.25
5.07E-04 2.34E-03 10. 22.
9.68 21.25 25.25
1000. 1600. 174 2.740 -14.03
FUS-WFR-SID-0900 261960 6.25E-05 2.74E-03 72. 9.68 46.25 6.72E-05 4
0.160E-09 .66 .999 D C
MO -130 1.003E-08 1.793E-08 12000 3.25
1.27E-03 5.07E-03 30. 41.
9.68 41.25 44.25
1000. 1600. 174 2.972 -14.03
FUS-WFR-SID-0920 270760 6.07E-05 1.08E-03 72. 9.68 43.25 6.72E-05 4

9.16E-09 .10 .989 D C
 90 .130 1.003E-08 1.793E-08 12000 46.25
 9.94E-04 2.77E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 174 4.248 -14.03
 FUS-WFR-S1D-0900 200090 7.42E-05 3.01E-03 72. 9.60 46.25 6.72E-05 4
 9.16E-09 .66 .989 D C
 90 .130 1.003E-08 1.793E-08 12000 3.25
 1.50E-03 6.02E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 174 3.525 -14.03
 FUS-WFR-S1D-0900 221130 7.41E-05 1.07E-03 72. 9.60 43.25 6.72E-05 4
 9.16E-09 .10 .989 D C
 90 .130 1.003E-08 1.793E-08 12000 46.25
 7.50E-04 3.00E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 174 3.521 -14.03
 FUS-WFR-S1D-0900 100010 0.63E-05 1.75E-03 72. 9.60 46.25 6.72E-05 4
 9.16E-09 .66 .989 D C
 90 .130 1.003E-08 1.793E-08 12000 3.25
 8.00E-04 7.00E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 174 4.102 -14.03
 FUS-WFR-S1D-1500 196470 0.34E-05 3.44E-03 72. 9.60 44.25 6.72E-05 3
 9.16E-09 .66 .989 D C
 90 .130 1.003E-08 1.793E-08 12000 3.25
 1.72E-03 6.00E-03 30. 41.
 9.60 41.25 44.25
 1000. 3200. 174 3.963 -14.03
 FUS-WFR-S1D-1520 192030 0.53E-05 1.73E-03 72. 9.60 43.25 6.72E-05 3
 9.16E-09 .10 .989 D C
 90 .130 1.003E-08 1.793E-08 12000 46.25
 9.70E-04 3.44E-03 18. 22.
 9.60 21.25 25.25
 1000. 3200. 174 4.055 -14.03
 FUS-WFR-S1D-1500 100770 0.60E-05 3.52E-03 72. 9.60 46.25 6.72E-05 3
 9.16E-09 .66 .989 D C
 90 .130 1.003E-08 1.793E-08 12000 3.25
 1.74E-03 7.05E-03 30. 41.
 9.60 41.25 44.25
 1000. 3200. 174 4.125 -14.03
 FUS-WFR-S1D-1500 105370 0.84E-05 1.79E-03 72. 9.60 43.25 6.72E-05 3
 9.16E-09 .1 .989 D C
 90 .13 1.003E-08 1.793E-08 12000 46.25
 3.01E-04 3.54E-03 18. 22.
 9.60 21.25 25.25
 1000. 3200. 174 4.201 -14.03
 FUS-WFR-S1D-1500 100930 0.05E-05 3.67E-03 72. 9.60 46.25 6.72E-05 3
 9.16E-09 .66 .989 D C
 90 .130 1.003E-08 1.793E-08 12000 3.25
 1.83E-03 7.35E-03 30. 41.
 9.60 41.25 44.25
 1000. 3200. 174 4.304 -14.03
 FUS-WFR-S1D-1600 177600 0.62E-05 1.75E-03 72. 9.60 43.25 6.72E-05 3
 9.16E-09 .10 .989 D C
 90 .130 1.003E-08 1.793E-08 12000 46.25
 9.34E-04 3.75E-03 18. 22.
 9.60 21.25 25.25
 1000. 3200. 174 4.304 -14.03
 FUS-WFR-S1D-1620 174270 9.40E-05 3.82E-03 72. 9.60 46.25 6.72E-05 3
 9.16E-09 .66 .989 D C
 90 .130 1.003E-08 1.793E-08 12000 3.25
 1.91E-03 7.43E-03 30. 41.
 9.60 41.25 44.25
 1000. 3200. 174 4.040 -14.03
 FUS-WFR-S1D-1600 170000 0.00E-05 1.00E-03 72. 0.40 47.30 4.79E-05 3

0.160E-09 .10 .900 D C
M0 .130 1.003E-00 1.793E-00 12000 46.25
9.60E-04 3.00E-3 10. 22.
9.60 21.25 25.25
1000. 3200. 176 4.555 -16.03
FUS-WFN-510-1060 167610 9.70E-05 3.96E-03 72. 9.60 46.25 6.72E-05 3
0.160E-09 .66 .900 D C
M0 .130 1.003E-00 1.793E-00 12000 3.25
1.90E-03 7.30E-03 30. 41.
9.60 41.25 44.25
1000. 3200. 176 4.646 -16.03
FUS-WFN-510-1060 164260 9.97E-05 2.02E-03 72. 9.60 43.25 6.72E-05 3
0.160E-09 .10 .900 D C
M0 .130 1.003E-00 1.793E-00 12000 46.25
1.01E-03 4.04E-03 10. 22.
9.60 21.25 25.25
1000. 3200. 176 4.734 -16.03
FUS-WFN-510-1706 162660 1.01E-04 4.1E-03 72. 9.60 46.25 6.72E-05 3
0.160E-09 .66 .900 D C
M0 .130 1.003E-00 1.793E-00 12000 3.25
2.05E-03 8.20E-03 30. 41.
9.60 41.25 44.25
1000. 3200. 176 4.805 -16.03
FUS-WFN-510-1720 150730 1.03E-04 2.09E-03 72. 9.60 43.25 6.72E-05 3
0.160E-09 .10 .900 D C
M0 .13 1.003E-00 1.793E-00 12000 46.25
1.05E-03 4.19E-03 10. 22.
9.60 21.25 25.25
1000. 3200. 176 4.905 -16.03
FUS-WFN-510-1746 157020 1.04E-04 4.22E-03 72. 9.60 46.25 6.72E-05 3
0.160E-09 .66 .900 D C
M0 .130 1.003E-00 1.793E-00 12000 3.25
2.11E-03 8.44E-03 30. 41.
9.60 41.25 44.25
1000. 3200. 176 4.940 -16.03
FUS-WFN-510-1760 166540 9.04E-05 1.90E-03 72. 9.60 43.25 6.72E-05 3
0.160E-09 .10 .900 D C
M0 .130 1.003E-00 1.793E-00 12000 46.25
1.00E-03 3.90E-03 10. 22.
9.60 21.25 25.25
1000. 3200. 176 4.677 -16.03
FUS-WFN-510-1780 175300 9.34E-05 3.90E-03 72. 9.60 46.25 6.72E-05 3
0.160E-09 .66 .900 D C
M0 .130 1.003E-00 1.793E-00 12000 3.25
1.90E-03 7.30E-03 30. 41.
9.60 41.25 44.25
1000. 3200. 176 4.646 -16.03
FUS-WFN-510-1800 184260 9.90E-05 1.00E-03 72. 9.60 43.25 6.72E-05 3
0.160E-09 .10 .900 D C
M0 .130 1.003E-00 1.793E-00 12000 46.25
3.07E-04 3.61E-03 10. 22.
9.60 21.25 25.25
1000. 3200. 176 4.226 -16.03
FUS-WFN-510-1820 193140 0.40E-05 3.44E-03 72. 9.60 46.25 6.72E-05 3
0.160E-09 .66 .900 D C
M0 .130 1.003E-00 1.793E-00 12000 3.25
1.72E-03 6.09E-03 30. 41.
9.60 41.25 44.25
1000. 3200. 176 4.032 -16.03
FUS-WFN-510-1840 203130 0.87E-05 1.64E-03 72. 9.60 43.25 6.72E-05 3
0.160E-09 .10 .900 D C
M0 .130 1.003E-00 1.793E-00 12000 46.25
0.23E-04 3.27E-03 10. 22.
9.60 21.25 25.25
1000. 3200. 176 3.833 -16.03
FUS-WFN-510-1860 213120 0.31E-05 3.97E-03 72. 9.60 46.25 6.72E-05 3

9.160E-09	60	909 D C	
NO 130	1.003E-06	1.793E-08	12000 3.25
1.606E-03	6.74E-03	30. 41.	
9.60	41.25	44.25	
1000.	3200.	174 3.96E-14.03	
FUS-WFR-S10-1900	231900	1.07E-05	1.43E-03 72. 9.60 43.25 6.72E-05 3
9.160E-09	10	909 D C	
NO 130	1.003E-06	1.793E-08	12000 46.25
7.20E-04	2.87E-03	10. 22.	
9.60	21.25	25.25	
1000.	3200.	174 3.35E-14.03	
FUS-WFR-S10-1900	241420	6.70E-05	2.76E-03 72. 9.60 46.25 6.72E-05 3
9.160E-09	60	909 D C	
NO 130	1.003E-06	1.793E-08	12000 3.25
1.30E-03	5.51E-03	30. 41.	
9.60	41.25	44.25	
1000.	3200.	174 3.22E-14.03	
FUS-WFR-S10-1920	261960	6.26E-05	1.27E-03 72. 9.60 43.25 6.72E-05 3
9.160E-09	10	909 D C	
NO 130	1.003E-06	1.793E-08	12000 46.25
6.30E-04	2.54E-03	10. 22.	
9.60	21.25	25.25	
1000.	3200.	174 2.97E-14.03	
FUS-WFR-S10-1940	270610	5.80E-05	2.39E-03 72. 9.60 46.25 6.72E-05 3
9.160E-09	60	909 D C	
NO 130	1.003E-06	1.793E-08	12000 3.25
1.10E-03	4.77E-03	30. 41.	
9.60	41.25	44.25	
1000.	3200.	174 2.90E-14.03	
FUS-WFR-S10-1940	300010	5.45E-05	1.11E-03 72. 9.60 43.25 6.72E-05 4
9.160E-09	10	909 D C	
NO 130	1.003E-06	1.793E-08	12000 46.25
5.55E-04	2.21E-03	10. 22.	
9.60	21.25	25.25	
1000.	1600.	174 2.50E-14.03	
FUS-WFR-S10-2000	300010	5.45E-05	2.21E-03 72. 9.60 46.25 6.72E-05 4
9.160E-09	60	909 D C	
NO 130	1.003E-06	1.793E-08	12000 3.25
1.11E-03	4.42E-03	30. 41.	
9.60	41.25	44.25	
1000.	1600.	174 2.50E-14.03	
FUS-WFR-S10-2000	300010	5.45E-05	1.11E-03 72. 9.60 43.25 6.72E-05 4
9.160E-09	10	909 D C	
NO 130	1.003E-06	1.793E-08	12000 46.25
5.55E-04	2.21E-03	10. 22.	
9.60	21.25	25.25	
1000.	1600.	174 2.50E-14.03	
FUS-WFR-S10-2020	300010	5.45E-05	2.21E-03 72. 9.60 46.25 6.72E-05 4
9.160E-09	60	909 D C	
NO 130	1.003E-06	1.793E-08	12000 3.25
1.11E-03	4.42E-03	30. 41.	
9.60	41.25	44.25	
1000.	1600.	174 2.50E-14.03	
FUS-WFR-S10-2040	300010	5.45E-05	1.11E-03 72. 9.60 43.25 6.72E-05 4
9.160E-09	10	909 D C	
NO 130	1.003E-06	1.793E-08	12000 46.25
5.55E-04	2.21E-03	10. 22.	
9.60	21.25	25.25	
1000.	1600.	174 2.50E-14.03	
FUS-WFR-S10-2040	300010	5.45E-05	2.21E-03 72. 9.60 46.25 6.72E-05 4
9.160E-09	60	909 D C	
NO 130	1.003E-06	1.793E-08	12000 3.25
1.11E-03	4.42E-03	30. 41.	
9.60	41.25	44.25	
1000.	1600.	174 2.50E-14.03	
FUS-WFR-S10-2040	300010	5.45E-05	2.21E-03 72. 9.60 46.25 6.72E-05 4
9.160E-09	60	909 D C	
NO 130	1.003E-06	1.793E-08	12000 3.25
1.11E-03	4.42E-03	30. 41.	
9.60	41.25	44.25	
1000.	1600.	174 2.50E-1	

0.160E-09 .10 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 5.55E-04 2.21E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 174 2.509 -14.03
 FUS-WFR-S1D-2100 300010 5.45E-05 2.21E-03 72. 9.60 46.25 6.72E-05 4
 0.160E-09 .60 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 3.25
 1.11E-03 4.62E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 174 2.509 -14.03
 FUS-WFR-S1D-2120 300010 5.45E-05 1.11E-03 72. 9.60 43.25 6.72E-05 4
 0.160E-09 .10 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 5.55E-04 2.21E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 174 2.509 -14.03
 FUS-WFR-S1D-2140 300010 5.45E-05 2.21E-03 72. 9.60 46.25 6.72E-05 4
 0.160E-09 .60 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 3.25
 1.11E-03 4.62E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 174 2.509 -14.03
 FUS-WFR-S1D-2160 300010 5.45E-05 1.11E-03 72. 9.60 43.25 6.72E-05 4
 0.160E-09 .10 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 5.55E-04 2.21E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 174 2.509 -14.03
 FUS-WFR-S1D-2180 300010 5.45E-05 2.21E-03 72. 9.60 46.25 6.72E-05 4
 0.160E-09 .60 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 3.25
 1.11E-03 4.62E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 174 2.509 -14.03
 FUS-WFR-S1D-2200 300010 5.45E-05 1.11E-03 72. 9.60 43.25 6.72E-05 4
 0.160E-09 .10 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 5.55E-04 2.21E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 174 2.509 -14.03
 FUS-WFR-S1D-2220 300010 5.45E-05 1.11E-03 72. 9.60 46.25 6.72E-05 4
 0.160E-09 .60 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 3.25
 1.11E-03 4.62E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 174 1.954 -14.03
 FUS-WFR-S1D-2240 566210 3.50E-05 1.46E-03 72. 9.60 43.25 6.72E-05 4
 0.160E-09 .10 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 7.20E-04 2.92E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 174 1.707 -14.03
 FUS-WFR-S1D-2260 520300 3.10E-05 1.20E-03 72. 9.60 46.25 6.72E-05 4
 0.160E-09 .60 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 3.25
 6.20E-04 2.52E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 174 1.474 -14.03
 FUS-WFR-S1D-2280 570010 2.80E-05 5.75E-04 72. 9.60 43.25 6.72E-05 4
 0.160E-09 .10 .989 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 2.00E-04 1.15E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 174 1.345 -14.03
 FUS-WFR-S1D-2300 570010 2.80E-05 1.15E-03 72. 9.60 46.25 6.72E-05 4

8.160E-09 .66 .999 D C
MO .130 1.003E-08 1.793E-08 12000 3.25
9.75E-04 2.30E-03 30. 41.
9.60 41.25 44.25
1000. 1600. 174 1.345 -14.03
FUS-WFF-SID-2320 570010 2.63E-05 5.75E-04 72. 9.60 43.25 6.72E-05 4
8.160E-09 .10 .999 D C
MO .130 1.003E-08 1.793E-08 12000 46.25
2.00E-04 1.15E-03 10. 22.
9.60 21.25 25.25
1000. 1600. 174 1.345 -14.03
FUS-WFF-SID-2340 570010 2.63E-05 1.15E-03 72. 9.60 46.25 6.72E-05 4
8.160E-09 .66 .999 D C
MO .130 1.003E-08 1.793E-08 12000 3.25
9.75E-04 2.30E-03 30. 41.
9.60 41.25 44.25
1000. 1600. 174 1.345 -14.03
FUS-WFF-SID-2360 570010 2.63E-05 5.75E-04 72. 9.60 43.25 6.72E-05 4
8.160E-09 .10 .999 D C
MO .130 1.003E-08 1.793E-08 12000 46.25
2.00E-04 1.15E-03 10. 22.
9.60 21.25 25.25
1000. 1600. 174 1.345 -14.03
FUS-WFF-SID-1000 176400 9.20E-05 1.00E-03 72. 9.60 43.25 6.72E-05 4
8.160E-09 .10 .999 D C
MO .130 1.003E-08 1.793E-08 12000 46.25
9.47E-04 3.70E-03 10. 22.
9.60 21.25 25.25
1000. 1600. 50 4.411 -14.03
FUS-WFF-SID-1020 177600 9.20E-05 3.75E-03 72. 9.60 46.25 6.72E-05 4
8.160E-09 .66 .999 D C
MO .130 1.003E-08 1.793E-08 12000 3.25
1.07E-03 7.47E-03 30. 41.
9.60 41.25 44.25
1000. 1600. 50 4.304 -14.03
FUS-WFF-SID-1040 178710 9.17E-05 1.06E-03 72. 9.60 43.25 6.72E-05 4
8.160E-09 .10 .999 D C
MO .130 1.003E-08 1.793E-08 12000 46.25
9.35E-04 3.20E-03 10. 22.
9.60 21.25 25.25
1000. 1600. 50 4.357 -14.03
FUS-WFF-SID-1060 179020 9.11E-05 3.69E-03 72. 9.60 46.25 6.72E-05 4
8.160E-09 .66 .999 D C
MO .130 1.003E-08 1.793E-08 12000 3.25
1.04E-03 7.39E-03 30. 41.
9.60 41.25 44.25
1000. 1600. 50 4.330 -14.03
FUS-WFF-SID-1080 180375 9.12E-05 1.04E-03 72. 9.60 43.25 6.72E-05 4
8.160E-09 .10 .999 D C
MO .130 1.003E-08 1.793E-08 12000 46.25
9.24E-04 3.64E-03 10. 22.
9.60 21.25 25.25
1000. 1600. 50 4.317 -14.03
FUS-WFF-SID-1100 180930 9.05E-05 3.67E-03 72. 9.60 46.25 6.72E-05 4
8.160E-09 .66 .999 D C
MO .130 1.003E-08 1.793E-08 12000 3.25
1.03E-03 7.35E-03 30. 41.
9.60 41.25 44.25
1000. 1600. 50 4.304 -14.03
FUS-WFF-SID-1120 181495 9.03E-05 1.03E-03 72. 9.60 43.25 6.72E-05 4
8.160E-09 .10 .999 D C
MO .13 1.003E-08 1.793E-08 12000 46.25
9.20E-04 3.64E-03 10. 22.
9.60 21.25 25.25
1000. 1600. 50 4.294 -14.03
FUS-WFF-SID-1140 182060 8.96E-05 3.65E-03 72. 9.60 46.25 6.72E-05 4

0.100E-09 .66 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.03E-03 7.32E-03 30. 41.
 9.60 41.25 44.25
 1000. 1000. 50 4.290 -14.03
 FUS-WFF-SID-1160 102046 9.00E-05 1.02E-03 72. 9.60 43.25 6.72E-05 4
 0.100E-09 .10 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 9.10E-04 3.62E-03 10. 22.
 9.60 21.25 25.25
 1000. 1000. 50 4.277 -14.03
 FUS-WFF-SID-1180 103150 8.95E-05 3.63E-03 72. 9.60 46.25 6.72E-05 4
 0.100E-09 .66 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.01E-03 7.20E-03 30. 41.
 9.60 41.25 44.25
 1000. 1000. 50 4.251 -14.03
 FUS-WFF-SID-1200 103705 8.92E-05 1.01E-03 72. 9.60 43.25 6.72E-05 4
 0.100E-09 .10 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 9.09E-04 3.62E-03 10. 22.
 9.60 21.25 25.25
 1000. 1000. 50 4.239 -14.03
 FUS-WFF-SID-1220 104260 8.89E-05 3.60E-03 72. 9.60 46.25 6.72E-05 4
 0.100E-09 .66 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.00E-04 7.20E-03 30. 41.
 9.60 41.25 44.25
 1000. 1000. 50 4.226 -14.03
 FUS-WFF-SID-1240 104260 8.89E-05 1.00E-03 72. 9.60 43.25 6.72E-05 4
 0.100E-09 .10 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 9.04E-04 3.60E-03 10. 22.
 9.60 21.25 25.25
 1000. 1000. 50 4.226 -14.03
 FUS-WFF-SID-1260 103150 8.85E-05 3.63E-03 72. 9.60 46.25 6.72E-05 4
 0.100E-09 .66 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.01E-03 7.20E-03 30. 41.
 9.60 41.25 44.25
 1000. 1000. 50 4.251 -14.03
 FUS-WFF-SID-1280 100930 9.05E-05 1.03E-03 72. 9.60 43.25 6.72E-05 4
 0.100E-09 .10 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 9.71E-04 3.67E-03 10. 22.
 9.60 21.25 25.25
 1000. 1000. 50 4.304 -14.03
 FUS-WFF-SID-1300 170020 9.11E-05 3.69E-03 72. 9.60 46.25 6.72E-05 4
 0.100E-09 .66 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.00E-04 7.39E-03 30. 41.
 9.60 41.25 44.25
 1000. 1000. 50 4.330 -14.03
 FUS-WFF-SID-1320 170710 9.17E-05 1.06E-03 72. 9.60 43.25 6.72E-05 4
 0.100E-09 .10 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 9.35E-04 3.20E-03 10. 22.
 9.60 21.25 25.25
 1000. 1000. 50 4.357 -14.03
 FUS-WFF-SID-1340 177600 9.23E-05 3.75E-03 72. 9.60 46.25 6.72E-05 4
 0.100E-09 .66 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.07E-03 7.40E-03 30. 41.
 9.60 41.25 44.25
 1000. 1000. 50 4.304 -14.03
 FUS-WFF-SID-1360 170710 9.17E-05 1.06E-03 72. 9.60 43.25 6.72E-05 4

0.160E-09	.10	.909	0	C
N0	130	1.003E-08	1.793E-08	12000 46.25
9.35E-04	3.20E-03	18.	22.	
9.60	21.25	25.25		
1000.	1600.	50	4.257	-14.03
FUS-WF7-SID-1300	100030	0.05E-05	3.67E-03	72. 9.60 46.25 6.72E-05 4
0.160E-09	.66	.909	0	C
N0	130	1.003E-08	1.793E-08	12000 2.25
1.03E-03	7.20E-03	30.	41.	
9.60	41.25	44.25		
1000.	1600.	50	4.304	-10.03
FUS-WF7-SID-1400	100420	0.09E-05	3.63E-03	72. 9.60 43.25 6.72E-05 4
0.160E-09	.10	.909	0	C
N0	130	1.003E-08	1.793E-08	12000 46.25
1.01E-03	7.20E-03	10.	22.	
9.60	21.25	25.25		
1000.	1600.	50	4.226	-14.03
FUS-WF7-SID-1500	100610	0.63E-05	1.75E-03	72. 9.60 46.25 6.72E-05 4
0.160E-09	.66	.909	0	C
N0	130	1.003E-08	1.793E-08	12000 3.25
0.80E-04	7.00E-03	30.	41.	
9.60	41.25	44.25		
1000.	1600.	50	4.102	-14.03
FUS-WF7-SID-1600	100710	0.40E-05	1.72E-03	72. 9.60 43.25 6.72E-05 4
0.160E-09	.10	.909	0	C
N0	130	1.003E-08	1.793E-08	12000 46.25
0.05E-04	3.44E-03	10.	22.	
9.60	21.25	25.25		
1000.	1600.	50	4.032	-14.03
FUS-WF7-SID-1700	100810	0.34E-05	1.65E-03	72. 9.60 46.25 6.72E-05 4
0.160E-09	.66	.909	0	C
N0	130	1.003E-08	1.793E-08	12000 3.25
1.72E-03	6.00E-03	30.	41.	
9.60	41.25	44.25		
1000.	1600.	50	3.963	-14.03
FUS-WF7-SID-1800	200100	0.16E-05	1.65E-03	72. 9.60 43.25 6.72E-05 4
0.160E-09	.10	.909	0	C
N0	130	1.003E-08	1.793E-08	12000 46.25
0.31E-04	3.31E-03	10.	22.	
9.60	21.25	25.25		
1000.	1600.	50	3.076	-14.03
FUS-WF7-TOP-0100	0100	3.90E-05	1.62E-03	72. 9.60 46.25 6.72E-05 4
0.160E-09	.66	.909	0	C
N0	130	1.003E-08	1.793E-08	12000 3.25
0.00E-04	3.22E-03	30.	41.	
9.60	41.25	44.25		
1000.	3200.	112	1.091	-14.03
FUS-WF7-TOP-0100	0110	3.90E-05	0.00E-04	72. 9.60 43.25 6.72E-05 4
0.160E-09	.10	.909	0	C
N0	130	1.003E-08	1.793E-08	12000 46.25
4.04E-04	1.62E-03	10.	22.	
9.60	21.25	25.25		
1000.	3200.	112	1.091	-14.03
FUS-WF7-TOP-0100	0110	3.90E-05	1.62E-03	72. 9.60 46.25 6.72E-05 4
0.160E-09	.66	.909	0	C
N0	130	1.003E-08	1.793E-08	12000 3.25
0.00E-04	3.22E-03	30.	41.	
9.60	41.25	44.25		
1000.	3200.	112	1.091	-14.03
FUS-WF7-TOP-0200	0200	0.110	3.90E-05	0.00E-04
0.160E-09	.10	.909	0	C
N0	130	1.003E-08	1.793E-08	12000 46.25
4.04E-04	1.62E-03	10.	22.	
9.60	21.25	25.25		
1000.	3200.	112	1.091	-14.03
FUS-WF7-TOP-0200	0210	0.110		

[illegible]

8.160E-09	0.10	999	D C
8.130 1.003E-00	1.793E-00	12000	46.25
8.04E-04	1.62E-03	18.	22.
9.60 21.25	25.25		
1000. 3200.	112 1.091 -14.03		
FUS-W7R-TOP-0500	411010 3.90E-05	1.62E-03	72. 9.60 46.25 6.720E-05 4
8.160E-09	0.66	999	D C
8.130 1.003E-00	1.793E-00	12000	3.25
8.00E-04	3.23E-03	30. 41.	
9.60 41.25	44.25		
1000. 3200.	112 1.091 -14.03		
FUS-W7R-TOP-0500	411010 3.90E-05	6.00E-04	72. 9.60 43.25 6.720E-05 4
8.160E-09	0.10	999	D C
8.130 1.003E-00	1.793E-00	12000	46.25
8.00E-04	1.62E-03	18. 22.	
9.60 21.25	25.25		
1000. 3200.	112 1.091 -14.03		
FUS-W7R-TOP-0500	411010 3.90E-05	1.62E-03	72. 9.60 46.25 6.720E-05 4
8.160E-09	0.66	999	D C
8.00E-04	3.23E-03	30. 41.	
9.60 41.25	44.25		
1000. 3200.	112 1.091 -14.03		
FUS-W7R-TOP-0500	411010 3.90E-05	6.00E-04	72. 9.60 43.25 6.720E-05 4
8.160E-09	0.10	999	D C
8.130 1.003E-00	1.793E-00	12000	46.25
8.00E-04	1.62E-03	18. 22.	
9.60 21.25	25.25		
1000. 3200.	112 1.091 -14.03		
FUS-W7R-TOP-0500	411010 3.90E-05	1.57E-03	72. 9.60 46.25 6.720E-05 4
8.160E-09	0.66	999	D C
8.130 1.003E-00	1.793E-00	12000	3.25
7.00E-04	3.15E-03	30. 41.	
9.60 41.25	44.25		
1000. 1600.	112 1.091 -14.03		
FUS-W7R-TOP-0500	422910 3.07E-05	7.66E-04	72. 9.60 43.25 6.720E-05 4
8.160E-09	0.10	999	D C
8.130 1.003E-00	1.793E-00	12000	46.25
3.55E-04	1.53E-03	18. 22.	
9.60 21.25	25.25		
1000. 1600.	112 1.794 -14.03		
FUS-W7R-TOP-0500	450600 3.60E-05	1.40E-03	72. 9.60 46.25 6.720E-05 4
8.160E-09	0.66	999	D C
8.130 1.003E-00	1.793E-00	12000	3.25
7.30E-04	2.59E-03	30. 41.	
9.60 41.25	44.25		
1000. 1600.	112 1.720 -14.03		
FUS-W7R-TOP-0600	467310 3.51E-05	7.12E-04	72. 9.60 43.25 6.720E-05 4
8.160E-09	0.10	999	D C
8.130 1.003E-00	1.793E-00	12000	46.25
3.57E-04	1.42E-03	18. 22.	
9.60 21.25	25.25		
1000. 1600.	112 1.666 -14.03		
FUS-W7R-TOP-0600	470410 3.42E-05	1.39E-04	72. 9.60 46.25 6.720E-05 4
8.160E-09	0.66	999	D C
8.130 1.003E-00	1.793E-00	12000	3.25
6.05E-04	2.70E-03	30. 41.	
9.60 41.25	44.25		
1000. 1600.	112 1.628 -14.03		
FUS-W7R-TOP-0600	495600 3.31E-05	1.72E-04	72. 9.60 43.25 6.720E-05 4
8.160E-09	0.10	999	D C
8.130 1.003E-00	1.793E-00	12000	46.25
3.79E-04	1.30E-03	18. 22.	
9.60 21.25	25.25		
1000. 1600.	112 1.573 -14.03		
FUS-W7R-TOP-0600	504100 3.20E-05	1.31E-04	72. 9.60 46.25 6.720E-05 4
8.160E-09	0.66	999	D C
8.130 1.003E-00	1.793E-00	12000	46.25
3.96E-04	1.30E-03	18. 22.	
9.60 21.25	25.25		
1000. 1600.	112 1.573 -14.03		

0.160E-09 .66 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 6.57E-04 2.63E-03 38. 41.
 9.60 41.25 44.25
 1000. 1600. 112 1.530 -14.83
 FUS-WFR-TOP-0000 522010 3.13E-05 6.36E-04 72. 9.60 43.25 6.720E-05 4
 0.160E-09 .10 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 44.25
 3.19E-04 1.27E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 112 1.409 -14.83
 FUS-WFR-TOP-0700 599460 3.03E-05 1.23E-03 72. 9.60 46.25 6.720E-05 4
 0.160E-09 .66 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 6.16E-04 2.47E-03 38. 41.
 9.60 41.25 44.25
 1000. 1600. 112 1.443 -14.83
 FUS-WFR-TOP-0720 561660 2.92E-05 5.92E-04 72. 9.60 43.25 6.720E-05 4
 0.160E-09 .10 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 44.25
 2.97E-04 1.10E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 112 1.306 -14.83
 FUS-WFR-TOP-0740 578310 2.82E-05 1.15E-03 72. 9.60 46.25 6.720E-05 4
 0.160E-09 .66 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 5.73E-04 2.29E-03 38. 41.
 9.60 41.25 44.25
 1000. 1600. 112 1.346 -14.83
 FUS-WFR-TOP-0760 522010 3.14E-05 6.36E-04 72. 9.60 43.25 6.720E-05 4
 0.160E-09 .10 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 44.25
 3.19E-04 1.27E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 112 1.409 -14.83
 FUS-WFR-TOP-0780 472060 3.47E-05 1.41E-03 72. 9.60 46.25 6.720E-05 4
 0.160E-09 .66 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 7.03E-04 2.81E-03 38. 41.
 9.60 41.25 44.25
 1000. 1600. 112 1.647 -14.83
 FUS-WFR-TOP-0800 420460 3.82E-05 7.76E-04 72. 9.60 43.25 6.720E-05 4
 0.160E-09 .10 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 44.25
 3.09E-04 1.58E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 112 1.017 -14.83
 FUS-WFR-TOP-0820 304060 4.27E-05 1.73E-03 72. 9.60 46.25 6.720E-05 4
 0.160E-09 .66 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 0.66E-04 3.44E-03 38. 41.
 9.60 41.25 44.25
 1000. 1600. 112 2.027 -14.83
 FUS-WFR-TOP-0840 345210 4.74E-05 9.63E-04 72. 9.60 43.25 6.720E-05 4
 0.160E-09 .10 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 44.25
 4.04E-04 1.93E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 112 2.256 -14.83
 FUS-WFR-TOP-0860 317460 5.14E-05 2.09E-03 72. 9.60 46.25 6.720E-05 4
 0.160E-09 .66 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.05E-03 4.19E-03 38. 41.
 9.60 41.25 44.25
 1000. 1600. 112 2.053 -14.83
 FUS-WFR-TOP-0880 204160 5.74E-05 1.17E-03 72. 9.60 43.25 6.720E-05 4

8.160E-09 .10 .999 D C
 80 .130 1.003E-08 1.793E-08 12000 46.25
 5.07E-04 2.34E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 112 2.740 -14.83
 FUS-WFR-TOP-9900 261960 6.25E-05 2.74E-03 72. 9.60 46.25 6.720E-05 4
 8.160E-09 .66 .999 D C
 80 .130 1.003E-08 1.793E-08 12000 3.25
 1.27E-03 5.07E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 112 2.972 -14.83
 FUS-WFR-TOP-9920 239760 6.81E-05 1.30E-03 72. 9.60 43.25 6.720E-05 4
 8.160E-09 .10 .999 D C
 80 .130 1.003E-08 1.793E-08 12000 46.25
 6.94E-04 2.77E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 112 3.240 -14.83
 FUS-WFR-TOP-9940 200090 7.42E-05 3.01E-03 72. 9.60 46.25 6.720E-05 4
 8.160E-09 .66 .999 D C
 80 .130 1.003E-08 1.793E-08 12000 3.25
 1.50E-03 6.02E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 112 3.525 -14.83
 FUS-WFR-TOP-9960 221130 7.41E-05 1.07E-03 72. 9.60 43.25 6.720E-05 4
 8.160E-09 .10 .999 D C
 80 .130 1.003E-08 1.793E-08 12000 46.25
 7.50E-04 3.00E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 112 3.521 -14.83
 FUS-WFR-TOP-9980 100010 8.63E-05 1.75E-03 72. 9.60 46.25 6.720E-05 4
 8.160E-09 .66 .999 D C
 80 .130 1.003E-08 1.793E-08 12000 3.25
 8.00E-04 7.00E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 112 4.102 -14.83
 FUS-WFR-TOP-1000 176490 9.20E-05 1.00E-03 72. 9.60 43.25 6.720E-05 4
 8.160E-09 .10 .999 D C
 80 .130 1.003E-08 1.793E-08 12000 46.25
 9.47E-04 3.74E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 112 4.011 -14.83
 FUS-WFR-TOP-1020 177600 9.22E-05 3.75E-03 72. 9.60 46.25 6.720E-05 4
 8.160E-09 .66 .999 D C
 80 .130 1.003E-08 1.793E-08 12000 3.25
 1.07E-03 7.49E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 112 4.304 -14.83
 FUS-WFR-TOP-1040 170710 9.17E-05 1.00E-03 72. 9.60 43.25 6.720E-05 4
 8.160E-09 .10 .999 D C
 80 .130 1.003E-08 1.793E-08 12000 46.25
 9.35E-04 3.20E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 112 4.357 -14.83
 FUS-WFR-TOP-1060 179020 9.11E-05 3.69E-03 72. 9.60 46.25 6.720E-05 4
 8.160E-09 .66 .999 D C
 80 .130 1.003E-08 1.793E-08 12000 3.25
 1.04E-03 7.39E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 112 4.330 -14.83
 FUS-WFR-TOP-1080 100370 9.12E-05 1.54E-03 72. 9.60 43.25 6.720E-05 4
 8.160E-09 .10 .999 D C
 80 .130 1.003E-08 1.793E-08 12000 46.25
 9.20E-04 3.40E-03 18. 22.
 9.60 21.25 25.25
 1000. 1600. 112 4.317 -14.83
 FUS-WFR-TOP-1100 100010 9.12E-05 1.54E-03 72. 9.60 43.25 6.720E-05 4

0.160E-09 .66 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.83E-03 7.35E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 112 4.251 -14.03
 FUS-WFR-TOP-1120 181405 9.83E-05 1.03E-03 72. 9.60 43.25 6.720E-05 4
 0.160E-09 .10 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 9.20E-04 3.60E-03 10. 22.
 9.60 21.25 25.25
 1000. 1600. 112 4.251 -14.03
 FUS-WFR-TOP-1140 181405 9.83E-05 1.03E-03 72. 9.60 46.25 6.720E-05 4
 0.160E-09 .66 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.83E-03 7.35E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 112 4.251 -14.03
 FUS-WFR-TOP-1160 182440 9.80E-05 1.02E-03 72. 9.60 43.25 6.720E-05 4
 0.160E-09 .10 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 9.10E-04 3.65E-03 10. 22.
 9.60 21.25 25.25
 1000. 1600. 112 4.277 -14.03
 FUS-WFR-TOP-1180 183150 9.95E-05 1.03E-03 72. 9.60 46.25 6.720E-05 4
 0.160E-09 .66 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.81E-03 7.20E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 112 4.251 -14.03
 FUS-WFR-TOP-1200 184260 8.89E-05 1.01E-03 72. 9.60 43.25 6.720E-05 4
 0.160E-09 .10 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 9.09E-04 3.62E-03 10. 22.
 9.60 21.25 25.25
 1000. 1600. 112 4.239 -14.03
 FUS-WFR-TOP-1220 184260 8.89E-05 1.00E-03 72. 9.60 46.25 6.720E-05 4
 0.160E-09 .66 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.80E-03 7.22E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 112 4.226 -14.03
 FUS-WFR-TOP-1240 184260 8.89E-05 1.00E-03 72. 9.60 43.25 6.720E-05 3
 0.160E-09 .10 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 9.04E-04 3.60E-03 10. 22.
 9.60 21.25 25.25
 1000. 1600. 112 4.226 -14.03
 FUS-WFR-TOP-1260 183150 8.95E-05 1.03E-03 72. 9.60 46.25 6.720E-05 3
 0.160E-09 .66 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.81E-03 7.20E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 112 4.251 -14.03
 FUS-WFR-TOP-1280 180930 9.95E-05 1.03E-03 72. 9.60 43.25 6.720E-05 3
 0.160E-09 .10 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 9.71E-04 3.63E-03 10. 22.
 9.60 21.25 25.25
 1000. 1600. 112 4.304 -14.03
 FUS-WFR-TOP-1300 170020 9.11E-05 1.03E-03 72. 9.60 46.25 6.720E-05 3
 0.160E-09 .66 .999 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.84E-03 7.39E-03 30. 41.
 9.60 41.25 44.25
 1000. 1600. 112 4.330 -14.03
 FUS-WFR-TOP-1320 170010 9.17E-05 1.03E-03 72. 9.60 43.25 6.720E-05 3

8.160E-09 .10 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 9.35E-04 3.20E-03 10. 22.
 9.60 21.25 25.25
 1000. 1000. 112 4.357 -14.03
 FUS-WFR-T08-1300 177000 9.11E-05 3.60E-03 72. 9.60 46.25 6.720E-05 3
 8.160E-09 .66 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.04E-03 7.70E-03 30. 41.
 9.60 41.25 44.25
 1000. 1000. 112 4.304 -14.03
 FUS-WFR-T08-1300 170710 9.17E-05 1.04E-03 72. 9.60 43.25 6.720E-05 3
 8.160E-09 .10 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 9.35E-04 3.20E-03 10. 22.
 9.60 21.25 25.25
 1000. 1000. 112 4.357 -14.03
 FUS-WFR-T08-1300 180930 9.23E-05 3.75E-03 72. 9.60 46.25 6.720E-05 3
 8.160E-09 .66 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.07E-03 7.40E-03 30. 41.
 9.60 41.25 44.25
 1000. 1000. 112 4.304 -14.03
 FUS-WFR-T08-1400 184260 9.17E-05 1.04E-03 72. 9.60 43.25 6.720E-05 3
 8.160E-09 .10 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 9.35E-04 3.20E-03 10. 22.
 9.60 21.25 25.25
 1000. 1000. 112 4.226 -14.03
 FUS-WFR-T08-1420 180910 8.63E-05 1.75E-03 72. 9.60 46.25 6.720E-05 3
 8.160E-09 .66 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 8.00E-04 7.80E-03 30. 41.
 9.60 41.25 44.25
 1000. 1000. 112 4.102 -14.03
 FUS-WFR-T08-1440 193140 8.40E-05 1.72E-03 72. 9.60 43.25 6.720E-05 3
 8.160E-09 .10 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 8.65E-04 3.44E-03 10. 22.
 9.60 21.25 25.25
 1000. 1000. 112 4.032 -14.03
 FUS-WFR-T08-1460 196470 8.34E-05 3.44E-03 72. 9.60 46.25 6.720E-05 3
 8.160E-09 .66 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.72E-03 6.00E-03 30. 41.
 9.60 41.25 44.25
 1000. 1000. 112 3.963 -14.03
 FUS-WFR-T08-1480 200910 8.16E-05 1.65E-03 72. 9.60 43.25 6.720E-05 3
 8.160E-09 .10 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 8.31E-04 3.31E-03 10. 22.
 9.60 21.25 25.25
 1000. 1000. 112 3.876 -14.03
 FUS-WFR-T08-1500 196470 8.34E-05 3.44E-03 72. 9.60 46.25 6.720E-05 4
 8.160E-09 .66 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 3.25
 1.72E-03 6.00E-03 30. 41.
 9.60 41.25 44.25
 1000. 1000. 112 3.963 -14.03
 FUS-WFR-T08-1520 192930 8.53E-05 1.73E-03 72. 9.60 43.25 6.720E-05 4
 8.160E-09 .10 .909 D C
 NO .130 1.003E-08 1.793E-08 12000 46.25
 8.00E-04 3.44E-03 10. 22.
 9.60 21.25 25.25
 1000. 1000. 112 4.055 -14.03
 FUS-WFR-T08-1540 197710 8.40E-05 3.44E-03 72. 9.60 46.25 6.720E-05 4

0.160E-09 .66 .999 D C
 NO.130 1.003E-08 1.793E-08 12000 3.25
 1.70E-03 7.05E-03 30. 41.
 9.68 41.25 44.25
 1000. 4000. 112 4.125 -14.03
 FUS-WFR-TOP-1500 105370 8.04E-05 1.79E-03 72. 9.68 43.25 6.720E-05 4
 0.160E-09 .10 .999 D C
 NO.130 1.003E-08 1.793E-08 12000 46.25
 0.01E-04 3.59E-03 10. 22.
 9.68 21.25 25.25
 1000. 4000. 112 4.201 -14.03
 FUS-WFR-TOP-1500 100930 9.05E-05 3.67E-03 72. 9.68 46.25 6.720E-05 4
 0.160E-09 .66 .999 D C
 NO.130 1.003E-08 1.793E-08 12000 3.25
 1.03E-03 7.35E-03 30. 41.
 9.68 41.25 44.25
 1000. 4000. 112 4.304 -14.03
 FUS-WFR-TOP-1000 177000 9.24E-05 1.75E-03 72. 9.68 43.25 6.720E-05 4
 0.160E-09 .10 .999 D C
 NO.130 1.003E-08 1.793E-08 12000 46.25
 9.35E-04 3.75E-03 10. 22.
 9.68 21.25 25.25
 1000. 4000. 112 4.304 -14.03
 FUS-WFR-TOP-1620 174270 9.40E-05 3.42E-03 72. 9.68 46.25 6.720E-05 4
 0.160E-09 .66 .999 D C
 NO.130 1.003E-08 1.793E-08 12000 3.25
 1.91E-03 7.63E-03 30. 41.
 9.68 41.25 44.25
 1000. 4000. 112 4.460 -14.03
 FUS-WFR-TOP-1640 170940 9.53E-05 1.95E-03 72. 9.68 43.25 6.720E-05 4
 0.160E-09 .10 .999 D C
 NO.130 1.003E-08 1.793E-08 12000 46.25
 9.68E-04 3.39E-03 10. 22.
 9.68 21.25 25.25
 1000. 4000. 112 4.555 -14.03
 FUS-WFR-TOP-1660 167610 9.70E-05 3.96E-03 72. 9.68 46.25 6.720E-05 4
 0.160E-09 .66 .999 D C
 NO.130 1.003E-08 1.793E-08 12000 3.25
 1.90E-03 7.93E-03 30. 41.
 9.68 41.25 44.25
 1000. 4000. 112 4.646 -14.03
 FUS-WFR-TOP-1600 164200 9.97E-05 2.02E-03 72. 9.68 43.25 6.720E-05 4
 0.160E-09 .10 .999 D C
 NO.130 1.003E-08 1.793E-08 12000 46.25
 1.01E-03 4.04E-03 10. 22.
 9.68 21.25 25.25
 1000. 4000. 112 4.740 -14.03
 FUS-WFR-TOP-1700 162000 1.01E-04 4.10E-03 72. 9.68 46.25 6.720E-05 4
 0.160E-09 .66 .999 D C
 NO.130 1.003E-08 1.793E-08 12000 3.25
 2.05E-03 8.20E-03 30. 41.
 9.68 41.25 44.25
 1000. 4000. 112 4.805 -14.03
 FUS-WFR-TOP-1720 150730 1.03E-04 2.09E-03 72. 9.68 43.25 6.720E-05 4
 0.160E-09 .10 .999 D C
 NO.130 1.003E-08 1.793E-08 12000 46.25
 1.05E-03 4.19E-03 10. 22.
 9.68 21.25 25.25
 1000. 4000. 112 4.905 -14.03
 FUS-WFR-TOP-1740 157620 1.04E-04 4.22E-03 72. 9.68 46.25 6.720E-05 4
 0.160E-09 .66 .999 D C
 NO.130 1.003E-08 1.793E-08 12000 3.25
 2.01E-03 8.44E-03 30. 41.
 9.68 41.25 44.25
 1000. 4000. 112 4.940 -14.03
 FUS-WFR-TOP-1760 154500 0.00E-04 0.00E-03 72. 0.00 40.00 0.00E-05 4

8.160E-09 .10 .999 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 1.00E-03 3.99E-03 10. 22.
 9.60 21.25 25.25
 1000. 4000. 112 4.677 -14.03
 FUS-WFR-TOP-1700 175300 9.34E-05 3.99E-03 72. 9.60 46.25 6.720E-05 4
 8.160E-09 .66 .999 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 1.99E-03 7.30E-03 30. 41.
 9.60 41.25 44.25
 1000. 4000. 112 4.640 -14.03
 FUS-WFR-TOP-1800 184200 9.90E-05 1.00E-03 72. 9.60 43.25 6.720E-05 4
 8.160E-09 .10 .999 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 3.07E-04 3.64E-03 10. 22.
 9.60 21.25 25.25
 1000. 4000. 112 4.226 -14.03
 FUS-WFR-TOP-1820 193100 0.49E-05 3.44E-03 72. 9.60 46.25 6.720E-05 4
 8.160E-09 .66 .999 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 1.77E-03 6.09E-03 30. 41.
 9.60 41.25 44.25
 1000. 4000. 112 4.032 -14.03
 FUS-WFR-TOP-1840 203130 8.07E-05 1.64E-03 72. 9.60 43.25 6.720E-05 4
 8.160E-09 .10 .999 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 0.23E-04 3.27E-03 10. 22.
 9.60 21.25 25.25
 1000. 4000. 112 3.833 -14.03
 FUS-WFR-TOP-1860 197300 6.31E-05 3.37E-03 72. 9.60 46.25 6.720E-05 4
 8.160E-09 .66 .999 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 1.60E-03 6.74E-03 30. 41.
 9.60 41.25 44.25
 1000. 4000. 112 3.940 -14.03
 FUS-WFR-TOP-1880 231900 7.07E-05 1.43E-03 72. 9.60 43.25 6.720E-05 4
 8.160E-09 .10 .999 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 7.20E-04 2.07E-03 10. 22.
 9.60 21.25 25.25
 1000. 4000. 112 3.354 -14.03
 FUS-WFR-TOP-1900 201420 6.79E-05 2.76E-03 72. 9.60 46.25 6.720E-05 4
 8.160E-09 .66 .999 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 1.30E-03 5.51E-03 30. 41.
 9.60 41.25 44.25
 1000. 4000. 112 3.222 -14.03
 FUS-WFR-TOP-1920 201960 6.20E-05 1.27E-03 72. 9.60 43.25 6.720E-05 4
 8.160E-09 .10 .999 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 0.30E-04 2.54E-03 10. 22.
 9.60 21.25 25.25
 1000. 4000. 112 2.972 -14.03
 FUS-WFR-TOP-1940 270010 5.80E-05 2.39E-03 72. 9.60 46.25 6.720E-05 4
 8.160E-09 .66 .999 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 1.19E-03 4.77E-03 30. 41.
 9.60 41.25 44.25
 1000. 4000. 112 2.795 -14.03
 FUS-WFR-TOP-1960 200010 5.45E-05 1.11E-03 72. 9.60 43.25 6.720E-05 4
 8.160E-09 .10 .999 D C
 NO .130 1.003E-00 1.793E-00 12000 46.25
 5.55E-04 2.21E-03 10. 22.
 9.60 21.25 25.25
 1000. 4000. 112 2.509 -14.03
 FUS-WFR-TOP-1980 200010 5.45E-05 1.11E-03 72. 9.60 46.25 6.720E-05 4

0.160E-09	.66	.909	0 C	
NO	130	1.003E-08	1.793E-08	12000 3.25
1.11E-03	4.42E-03	30. 41.		
9.68	41.25	44.25		
1000.	7200.	112 2.509	-14.03	
FUS-WFR-TOP-2060	300010	5.45E-05	1.11E-03	72. 9.68 43.25 6.720E-05 4
0.160E-09	.66	.909	0 C	
NO	130	1.003E-08	1.793E-08	12000 3.25
1.11E-03	4.42E-03	30. 41.		
9.68	41.25	44.25		
1000.	7200.	112 2.509	-14.03	
FUS-WFR-TOP-2060	300010	5.45E-05	1.11E-03	72. 9.68 43.25 6.720E-05 4
0.160E-09	.66	.909	0 C	
NO	130	1.003E-08	1.793E-08	12000 3.25
1.11E-03	4.42E-03	30. 41.		
9.68	41.25	44.25		
1000.	7200.	112 2.509	-14.03	
FUS-WFR-TOP-2060	300010	5.45E-05	1.11E-03	72. 9.68 43.25 6.720E-05 4
0.160E-09	.66	.909	0 C	
NO	130	1.003E-08	1.793E-08	12000 3.25
1.11E-03	4.42E-03	30. 41.		
9.68	41.25	44.25		
1000.	7200.	112 2.509	-14.03	
FUS-WFR-TOP-2060	300010	5.45E-05	1.11E-03	72. 9.68 43.25 6.720E-05 4
0.160E-09	.66	.909	0 C	
NO	130	1.003E-08	1.793E-08	12000 3.25
1.11E-03	4.42E-03	30. 41.		
9.68	41.25	44.25		
1000.	7200.	112 2.509	-14.03	
FUS-WFR-TOP-2060	300010	5.45E-05	1.11E-03	72. 9.68 43.25 6.720E-05 4
0.160E-09	.66	.909	0 C	
NO	130	1.003E-08	1.793E-08	12000 3.25
1.11E-03	4.42E-03	30. 41.		
9.68	41.25	44.25		
1000.	7200.	112 2.509	-14.03	
FUS-WFR-TOP-2060	300010	5.45E-05	1.11E-03	72. 9.68 43.25 6.720E-05 4
0.160E-09	.66	.909	0 C	
NO	130	1.003E-08	1.793E-08	12000 3.25
1.11E-03	4.42E-03	30. 41.		
9.68	41.25	44.25		
1000.	7200.	112 2.509	-14.03	
FUS-WFR-TOP-2060	300010	5.45E-05	1.11E-03	72. 9.68 43.25 6.720E-05 4
0.160E-09	.66	.909	0 C	
NO	130	1.003E-08	1.793E-08	12000 3.25
1.11E-03	4.42E-03	30. 41.		
9.68	41.25	44.25		
1000.	7200.	112 2.509	-14.03	
FUS-WFR-TOP-2060	300010	5.45E-05	1.11E-03	72. 9.68 43.25 6.720E-05 4
0.160E-09	.66	.909	0 C	
NO	130	1.003E-08	1.793E-08	12000 3.25
1.11E-03	4.42E-03	30. 41.		
9.68	41.25	44.25		
1000.	7200.	112 2.509	-14.03	
FUS-WFR-TOP-2060	300010	5.45E-05	1.11E-03	72. 9.68 43.25 6.720E-05 4
0.160E-09	.66	.909	0 C	
NO	130	1.003E-08	1.793E-08	12000 3.25
1.11E-03	4.42E-03	30. 41.		
9.68	41.25	44.25		
1000.	7200.	112 2.509	-14.03	
FUS-WFR-TOP-2060	300010	5.45E-05	1.11E-03	72. 9.68 43.25 6.720E-05 4
0.160E-09	.66	.909	0 C	
NO	130	1.003E-08	1.793E-08	12000 3.25
1.11E-03	4.42E-03	30. 41.		
9.68	41.25	44.25		
1000.	7200.	112 2.509	-14.03	

0.160E-09	10	999	0	C	
NO	130	1.00E-08	1.79E-08	12000	46.25
0.04E-04	1.93E-03	10	22		
9.60	21.25	25.25			
1000.	7200.	112	2.345	-14.03	
FUS-WFR-TOP-2220	300490	4.11E-05	1.67E-03	72.	9.60 46.25 6.720E-05 4
0.160E-09	60	999	0	C	
NO	130	1.00E-08	1.79E-08	12000	3.25
0.34E-04	3.34E-03	30	41.		
9.60	41.25	44.25			
1000.	7200.	112	1.953	-14.03	
FUS-WFR-TOP-2220	454210	3.50E-05	1.00E-03	72.	9.60 43.25 6.720E-05 4
0.160E-09	10	999	0	C	
NO	130	1.00E-08	1.79E-08	12000	46.25
7.20E-04	2.54E-03	10	22.		
9.60	21.25	25.25			
1000.	7200.	112	1.787	-14.03	
FUS-WFR-TOP-2260	520360	3.10E-05	1.20E-03	72.	9.60 46.25 6.720E-05 4
0.160E-09	60	999	0	C	
NO	130	1.00E-08	1.79E-08	12000	3.25
0.20E-04	2.52E-03	30	41.		
9.60	41.25	44.25			
1000.	7200.	112	1.676	-14.03	
FUS-WFR-TOP-2280	570010	2.83E-05	5.75E-04	72.	9.60 43.25 6.720E-05 4
0.160E-09	10	999	0	C	
NO	130	1.00E-08	1.79E-08	12000	46.25
2.09E-04	1.15E-03	10	22.		
9.60	21.25	25.25			
1000.	7200.	112	1.345	-14.03	
FUS-WFR-TOP-2300	570010	2.03E-05	1.15E-03	72.	9.60 46.25 6.720E-05 4
0.160E-09	60	999	0	C	
NO	130	1.00E-08	1.79E-08	12000	3.25
5.75E-04	1.15E-03	30	41.		
9.60	41.25	44.25			
1000.	7200.	112	1.345	-14.03	
FUS-WFR-TOP-2320	570010	2.03E-05	5.75E-04	72.	9.60 43.25 6.720E-05 4
0.160E-09	10	999	0	C	
NO	130	1.00E-08	1.79E-08	12000	46.25
2.09E-04	2.34E-03	10	22.		
9.60	21.25	25.25			
1000.	7200.	112	1.345	-14.03	
FUS-WFR-TOP-2340	570010	2.03E-05	1.15E-03	72.	9.60 46.25 6.720E-05 4
0.160E-09	60	999	0	C	
NO	130	1.00E-08	1.79E-08	12000	3.25
5.75E-04	1.15E-03	30	41.		
9.60	41.25	44.25			
1000.	7200.	112	1.345	-14.03	
FUS-WFR-TOP-2360	570010	2.03E-05	5.75E-04	72.	9.60 43.25 6.720E-05 4
0.160E-09	10	999	0	C	
NO	130	1.00E-08	1.79E-08	12000	46.25
2.09E-04	2.34E-03	10	22.		
9.60	21.25	25.25			
1000.	7200.	112	1.345	-14.03	
FUS-WFR-TOP-2380	570010	2.03E-05	5.75E-04	72.	9.60 43.25 6.720E-05 4
0.160E-09	10	999	0	C	
NO	130	1.00E-08	1.79E-08	12000	46.25
2.09E-04	2.34E-03	10	22.		
9.60	21.25	25.25			
1000.	7200.	112	1.345	-14.03	
FUS-WFR-TOP-2400	754000	9.07E-05	2.16E-05	442.	5.16 13.0 2.13E-05 3
2.10E-09	231				

2.10E-09 .662 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 3.0
 5.70E-05 9.21E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .011 -30.05
 WMC-STP-USF-0330 600200 1.00E-04 2.37E-04 405. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 35.0
 5.90E-05 6.75E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 120 .011 -30.05
 WMC-STP-USF-0353 606000 1.12E-04 4.91E-05 393. 5.16 15.0 2.13E-05 4
 2.10E-09 .662 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 3.0
 6.16E-05 9.03E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .011 -30.05
 WMC-STP-USF-0300 643000 1.16E-04 2.53E-04 301. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 35.0
 6.37E-05 5.00E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 120 .012 -30.05
 WMC-STP-USF-0302 621000 1.20E-04 5.26E-05 370. 5.16 15.0 2.13E-05 4
 2.10E-09 .662 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 3.0
 6.00E-05 1.05E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .012 -30.05
 WMC-STP-USF-0397 599400 1.24E-04 2.72E-04 365. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 35.0
 6.04E-05 5.46E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 120 .013 -30.05
 WMC-STP-USF-0411 577200 1.29E-04 5.67E-05 353. 5.16 15.0 2.13E-05 4
 2.10E-09 .662 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 3.0
 7.11E-05 1.13E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .014 -30.05
 WMC-STP-USF-0426 555000 1.34E-04 2.94E-04 349. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 35.0
 7.39E-05 5.90E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 120 .014 -30.05
 WMC-STP-USF-0441 532000 1.40E-04 6.14E-05 340. 5.16 15.0 2.13E-05 4
 2.10E-09 .662 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 3.0
 7.70E-05 1.23E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .015 -30.05
 WMC-STP-USF-0456 516000 1.46E-04 3.19E-04 344. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 35.0
 8.03E-05 6.41E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 120 .015 -30.05
 WMC-STP-USF-0470 400400 1.53E-04 6.70E-05 342. 5.16 15.0 2.13E-05 4
 2.10E-09 .662 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 3.0
 8.40E-05 1.39E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .016 -30.05
 WMC-STP-USF-0485 375000 1.67E-04 7.25E-05 330. 5.16 13.0 2.13E-05 4

2.10E-09 .000 .419 D 0
 NO .005 2.00E-00 2.00E-00 7200 35.0
 0.11E-05 6.44E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1000. 120 .016 -30.05
 WMC-STP-USF-0400 523020 1.42E-04 6.25E-05 335. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D 0
 NO .005 2.00E-00 2.00E-00 7200 3.0
 7.03E-05 1.25E-03 10.2 12.0
 5.16 14.0 15.4
 1000. 1000. 120 .015 -30.05
 WMC-STP-USF-0514 541600 1.30E-04 3.01E-04 331. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D 0
 NO .005 2.00E-00 2.00E-00 7200 35.0
 7.57E-05 6.04E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1000. 120 .015 -30.05
 WMC-STP-USF-0520 559440 1.25E-04 5.50E-05 320. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D 0
 NO .005 2.00E-00 2.00E-00 7200 3.0
 6.04E-05 1.10E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1000. 120 .014 -30.05
 WMC-STP-USF-0543 577200 1.24E-04 2.03E-04 323. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D 0
 NO .005 2.00E-00 2.00E-00 7200 35.0
 7.11E-05 5.67E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1000. 120 .014 -30.05
 WMC-STP-USF-0557 594400 1.25E-04 5.50E-05 318. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D 0
 NO .005 2.00E-00 2.00E-00 7200 3.0
 6.90E-05 1.10E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1000. 120 .013 -30.05
 WMC-STP-USF-0572 612720 1.22E-04 2.60E-04 316. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D 0
 NO .005 2.00E-00 2.00E-00 7200 35.0
 6.70E-05 5.34E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1000. 120 .013 -30.05
 WMC-STP-USF-0587 630400 1.10E-04 5.10E-05 314. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D 0
 NO .005 2.00E-00 2.00E-00 7200 3.0
 6.51E-05 1.04E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1000. 120 .012 -30.05
 WMC-STP-USF-0601 659360 1.10E-04 2.55E-04 310. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D 0
 NO .005 2.00E-00 2.00E-00 7200 35.0
 6.42E-05 5.12E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1000. 120 .012 -30.05
 WMC-STP-USF-0614 657120 1.13E-04 4.90E-05 307. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D 0
 NO .005 2.00E-00 2.00E-00 7200 3.0
 6.24E-05 9.94E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1000. 120 .012 -30.05
 WMC-STP-USF-0628 674000 1.10E-04 2.42E-04 303. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D 0
 NO .005 2.00E-00 2.00E-00 7200 35.0
 6.00E-05 4.05E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1000. 120 .012 -30.05
 WMC-STP-USF-0645 690400 1.04E-04 1.73E-04 300 5.16 15.0 2.13E-05 4

2.10E-09 .462 .419 D 0
 NO .065 2.00E-00 2.00E-00 7200 3.0
 5.92E-05 9.45E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .011 -30.05
 WAG-S7A-USF-0656 710400 1.05E-04 2.10E-04 297. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D 0
 NO .065 2.00E-00 2.00E-00 7200 35.0
 5.70E-05 4.01E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 120 .011 -30.05
 WAG-S7A-USF-0659 720100 1.02E-04 4.40E-05 295. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D 0
 NO .065 2.00E-00 2.00E-00 7200 3.0
 5.63E-05 0.99E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .011 -30.05
 WAG-S7A-USF-0663 745920 9.99E-05 2.19E-04 291. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D 0
 NO .065 2.00E-00 2.00E-00 7200 35.0
 5.50E-05 4.34E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 120 .011 -30.05
 WAG-S7A-USF-0697 763000 9.75E-05 4.20E-05 280. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D 0
 NO .065 2.00E-00 2.00E-00 7200 3.0
 5.37E-05 0.57E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .016 -30.05
 WAG-S7A-USF-0710 701440 9.53E-05 2.09E-04 286. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D 0
 NO .065 2.00E-00 2.00E-00 7200 35.0
 5.25E-05 4.19E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 120 .016 -30.05
 WAG-S7A-USF-0724 799200 9.32E-05 4.89E-05 283. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D 0
 NO .065 2.00E-00 2.00E-00 7200 3.0
 5.13E-05 0.19E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .009 -30.05
 WAG-S7A-USF-0730 016600 9.12E-05 2.00E-04 279. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D 0
 NO .065 2.00E-00 2.00E-00 7200 35.0
 5.02E-05 4.01E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 120 .009 -30.05
 WAG-S7A-USF-0752 034720 0.92E-05 3.92E-05 276. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D 0
 NO .065 2.00E-00 2.00E-00 7200 3.0
 4.91E-05 7.04E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .009 -30.05
 WAG-S7A-USF-0750 052400 0.74E-05 1.91E-04 272. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D 0
 NO .065 2.00E-00 2.00E-00 7200 35.0
 4.01E-05 3.04E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 120 .009 -30.05
 WAG-S7A-USF-0780 065000 0.60E-05 3.70E-05 269. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D 0
 NO .065 2.00E-00 2.00E-00 7200 3.0
 4.74E-05 7.54E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .009 -30.05
 WAG-S7A-USF-0704 074000 7.43E-05 1.47E-04 245. 5.16 13.0 2.13E-05 4

2.10E-09 .000 .419 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 4.20E-05 3.35E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 120 .000 -30.05
 WMS-STR-USF-0007 999999 6.05E-05 3.01E-05 262. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 3.77E-05 6.02E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 120 .007 -30.05
 WMS-STR-USF-0021 999999 6.21E-05 1.36E-04 250. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 3.47E-05 2.73E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 120 .007 -30.05
 WMS-STR-USF-0034 999999 5.64E-05 2.50E-05 251. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 3.13E-05 5.00E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 120 .006 -30.05
 WMS-STR-USF-0048 999999 5.24E-05 1.15E-04 254. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 2.00E-05 2.30E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 120 .006 -30.05
 WMS-STR-USF-0062 999999 4.06E-05 2.14E-05 250. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 2.60E-05 4.27E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 120 .005 -30.05
 WMS-STR-USF-0076 999999 4.53E-05 9.93E-05 240. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 2.50E-05 1.99E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 120 .005 -30.05
 WMS-STR-USF-0090 999999 4.25E-05 1.07E-05 245. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 2.34E-05 3.73E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 120 .004 -30.05
 WMS-STR-USF-0083 999999 3.99E-05 8.75E-05 242. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 2.20E-05 1.75E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 120 .004 -30.05
 WMS-STR-USF-0017 999999 3.77E-05 1.66E-05 239. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 2.00E-05 3.31E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 120 .004 -30.05
 WMS-STR-USF-0031 999999 3.72E-05 0.16E-05 234. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 NO .005 2.00E-08 2.00E-08 7200 35.0
 2.05E-05 1.64E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 120 .004 -30.05
 WMS-STR-USF-0045 999999 3.72E-05 0.16E-05 234. 5.16 13.0 2.13E-05 4

2.10E-09	.462	.419	0	
NO	2.0E-00	2.0E-05	7200	3.0
2.05E-05	3.27E-04	16.2	12.0	
5.16	14.0	15.0		
1000.	6400.	120	.004	-30.05
WME-STR-USF-105N	999999	3.72E-05	0.16E-05	227.
5.16	13.	2.13E-05		
2.10E-09	.000	.419	0	
NO	.005	2.00E-00	2.00E-00	7200
2.05E-05	3.27E-04	10.2	12.0	
5.16	0.94	10.0		
1000.	6400.	120	.004	-30.05
WME-STR-USF-105N	999999	3.72E-05	0.16E-05	225.
5.16	15.0	2.13E-05		
2.10E-09	.462	.419	0	
NO	.005	2.00E-00	2.00E-00	7200
2.05E-05	3.27E-04	10.2	12.0	
5.16	14.0	15.0		
1000.	6400.	120	.004	-30.05
WME-STR-USF-105N	999999	3.72E-05	0.16E-05	222.
5.16	13.0	2.13E-05		
2.10E-09	.462	.419	0	
NO	.005	2.00E-00	2.00E-00	7200
2.05E-05	3.27E-04	10.2	12.0	
5.16	0.94	10.0		
1000.	6400.	120	.004	-30.05
WME-STR-USF-105N	999999	3.72E-05	0.16E-05	220.
5.16	15.0	2.13E-05		
2.10E-09	.462	.419	0	
NO	.005	2.00E-00	2.00E-00	7200
2.05E-05	3.27E-04	10.2	12.0	
5.16	14.0	15.0		
1000.	6400.	120	.004	-30.05
WME-STR-USF-105N	999999	3.72E-05	0.16E-05	217.
5.16	13.0	2.13E-05		
2.10E-09	.462	.419	0	
NO	.005	2.00E-00	2.00E-00	7200
2.05E-05	3.27E-04	10.2	12.0	
5.16	0.94	10.0		
1000.	6400.	120	.004	-30.05
WME-STR-USF-105N	999999	3.72E-05	0.16E-05	213.
5.16	15.0	2.13E-05		
2.10E-09	.462	.419	0	
NO	.005	2.00E-00	2.00E-00	7200
2.05E-05	3.27E-04	10.2	12.0	
5.16	14.0	15.0		
1000.	6400.	120	.004	-30.05
WME-STR-USF-105N	999999	3.72E-05	0.16E-05	209.
5.16	13.0	2.13E-05		
2.10E-09	.462	.419	0	
NO	.005	2.00E-00	2.00E-00	7200
2.05E-05	3.27E-04	10.2	12.0	
5.16	0.94	10.0		
1000.	6400.	120	.004	-30.05
WME-STR-USF-105N	999999	3.72E-05	0.16E-05	206.
5.16	15.0	2.13E-05		
2.10E-09	.462	.419	0	
NO	.005	2.00E-00	2.00E-00	7200
2.05E-05	3.27E-04	10.2	12.0	
5.16	14.0	15.0		
1000.	6400.	120	.004	-30.05
WME-STR-USF-105N	999999	3.72E-05	0.16E-05	203.
5.16	13.0	2.13E-05		
2.10E-09	.462	.419	0	
NO	.005	2.00E-00	2.00E-00	7200
2.05E-05	3.27E-04	10.2	12.0	
5.16	0.94	10.0		
1000.	6400.	120	.004	-30.05
WME-STR-USF-105N	999999	3.72E-05	0.16E-05	200.
5.16	15.0	2.13E-05		
2.10E-09	.462	.419	0	
NO	.005	2.00E-00	2.00E-00	7

2.10E-09	-000	.419	0	0	
M0	.065	2.00E-00	2.00E-00	7200	35.0
2.05E-05	3.27E-04	5.16	7.0		
5.16	8.94	10.0			
1000.	6400.	120	.004	-30.05	
WMG-STP-USF-1112	999999	3.27E-05	0.16E-05	203.	5.16 15.0 2.13E-05 4
2.10E-09	.462	.419	0	0	
M0	.065	2.00E-00	2.00E-00	7200	3.0
2.05E-05	1.64E-05	10.2	12.0		
5.16	14.0	15.0			
1000.	6400.	120	.004	-30.05	
WMG-STP-USF-1126	999999	3.72E-05	1.64E-05	201.	5.16 13.0 2.13E-05 4
2.10E-09	.000	.419	0	0	
M0	.065	2.00E-00	2.00E-00	7200	35.0
2.05E-05	3.27E-04	5.16	7.0		
5.16	8.94	10.0			
1000.	6400.	120	.004	-30.05	
WMG-STP-USF-0324	355200	2.10E-04	9.21E-05	416.	5.16 15.0 2.13E-05 4
2.10E-09	.231	.419	0	0	
M0	.065	2.00E-00	2.00E-00	7200	3.0
1.16E-04	1.04E-03	10.2	12.0		
5.16	14.0	15.0			
1000.	1600.	116	.022	-30.05	
WMG-STP-USC-0330	344100	2.16E-04	4.74E-04	405.	5.16 13.0 2.13E-05 4
2.10E-09	.000	.419	0	0	
M0	.065	2.00E-00	2.00E-00	7200	35.0
1.19E-04	9.51E-03	5.16	7.0		
5.16	8.94	10.0			
1000.	1600.	116	.023	-30.05	
WMG-STP-USC-0353	333000	2.24E-04	9.03E-05	393.	5.16 15.0 2.13E-05 4
2.10E-09	.462	.419	0	0	
M0	.065	2.00E-00	2.00E-00	7200	3.0
1.23E-04	1.97E-03	10.2	12.0		
5.16	14.0	15.0			
1000.	6400.	116	.024	-30.05	
WMG-STP-USC-0368	321900	2.31E-04	5.07E-04	301.	5.16 13.0 2.13E-05 4
2.10E-09	.000	.419	0	0	
M0	.065	2.00E-00	2.00E-00	7200	35.0
1.27E-04	1.02E-03	5.16	7.0		
5.16	8.94	10.0			
1000.	6400.	116	.024	-30.05	
WMG-STP-USC-0302	310000	2.40E-04	1.05E-04	370.	5.16 15.0 2.13E-05 4
2.10E-09	.462	.419	0	0	
M0	.065	2.00E-00	2.00E-00	7200	3.0
1.32E-04	2.11E-03	10.2	12.0		
5.16	14.0	15.0			
1000.	6400.	116	.025	-30.05	
WMG-STP-USC-0397	299700	2.49E-04	5.44E-04	365.	5.16 13.0 2.13E-05 4
2.10E-09	.000	.419	0	0	
M0	.065	2.00E-00	2.00E-00	7200	35.0
1.37E-04	1.09E-04	5.16	7.0		
5.16	8.94	10.0			
1000.	6400.	116	.026	-30.05	
WMG-STP-USC-0411	200400	2.56E-04	1.13E-04	353.	5.16 15.0 2.13E-05 4
2.10E-09	.462	.419	0	0	
M0	.065	2.00E-00	2.00E-00	7200	3.0
1.42E-04	2.27E-03	10.2	12.0		
5.16	10.0	15.0			
1000.	6400.	116	.027	-30.05	
WMG-STP-USC-0426	277500	2.60E-04	5.00E-04	349.	5.16 13.0 2.13E-05 4
2.10E-09	.000	.419			

2.10E-09 .462 .419 0 0
WD .005 2.00E-08 2.00E-08 7200 3.0
1.54E-04 2.00E-03 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .029 -30.05
WAG-S1P-USC-0456 255300 2.92E-04 6.39E-04 340. 5.16 13.0 2.13E-05 4
WD .005 2.00E-08 2.00E-08 7200 35.0
1.61E-04 1.28E-04 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .031 -30.05
WAG-S1P-USC-0470 244200 3.05E-04 1.34E-04 342. 5.16 15.0 2.13E-05 4
WD .005 2.00E-08 2.00E-08 7200 3.0
1.60E-04 2.00E-03 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .032 -30.05
WAG-S1P-USC-0495 253000 2.94E-04 6.45E-04 330. 5.16 13.0 2.13E-05 4
WD .005 2.00E-08 2.00E-08 7200 35.0
1.62E-04 1.25E-04 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .031 -30.05
WAG-S1P-USC-0499 261900 2.84E-04 1.25E-04 335. 5.16 15.0 2.13E-05 4
WD .005 2.00E-08 2.00E-08 7200 3.0
1.57E-04 2.50E-03 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .030 -30.05
WAG-S1P-USC-0514 270000 2.75E-04 6.02E-04 331. 5.16 13.0 2.13E-05 4
WD .005 2.00E-08 2.00E-08 7200 35.0
1.51E-04 1.21E-04 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .029 -30.05
WAG-S1P-USC-0520 297720 2.50E-04 1.10E-04 320. 5.16 15.0 2.13E-05 4
WD .005 2.00E-08 2.00E-08 7200 3.0
1.30E-04 2.20E-03 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .026 -30.05
WAG-S1P-USC-0543 290000 2.50E-04 5.65E-04 323. 5.16 13.0 2.13E-05 4
WD .005 2.00E-08 2.00E-08 7200 35.0
1.42E-04 1.13E-04 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .027 -30.05
WAG-S1P-USC-0557 297400 2.50E-04 1.10E-04 310. 5.16 15.0 2.13E-05 4
WD .005 2.00E-08 2.00E-08 7200 3.0
1.30E-04 2.20E-03 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .026 -30.05
WAG-S1P-USC-0572 306300 2.43E-04 5.32E-04 316. 5.16 13.0 2.13E-05 4
WD .005 2.00E-08 2.00E-08 7200 35.0
1.34E-04 1.07E-04 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .026 -30.05
WAG-S1P-USC-0597 315200 2.30E-04 1.04E-04 314. 5.16 15.0 2.13E-05 4
WD .005 2.00E-08 2.00E-08 7200 3.0
1.30E-04 2.00E-03 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .025 -30.05
WAG-S1P-USC-0601 310000 2.30E-04 5.10E-04 310. 5.16 13.0 2.13E-05 4

2.10E-09 .000 .419 0 0
 NO .005 2.00E-00 2.00E-00 7200 35.0
 1.2E-04 1.00E-04 5.16 7.0
 5.16 0.94 10.0
 1000. 0400. 116 .025 -30.85
 WMS-57H-USC-0010 320500 2.27E-04 9.90E-05 307. 5.16 15.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 NO .005 2.00E-00 2.00E-00 7200 3.0
 1.2E-04 1.00E-03 10.2 12.0
 5.16 10.0 15.0
 1000. 0400. 116 .020 -30.85
 WMS-57H-USC-0020 337400 2.21E-04 0.83E-04 303. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 NO .005 2.00E-00 2.00E-00 7200 35.0
 1.2E-04 9.70E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 0400. 116 .023 -30.85
 WMS-57H-USC-0030 346300 2.15E-04 9.45E-05 300. 5.16 15.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 NO .005 2.00E-00 2.00E-00 7200 3.0
 1.2E-04 1.00E-03 10.2 12.0
 5.16 10.0 15.0
 1000. 0400. 116 .022 -30.85
 WMS-57H-USC-0040 355200 2.10E-04 0.59E-04 297. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 NO .005 2.00E-00 2.00E-00 7200 35.0
 1.2E-04 9.21E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 0400. 116 .022 -30.85
 WMS-57H-USC-0050 364000 2.07E-04 0.49E-05 297. 5.16 15.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 NO .005 2.00E-00 2.00E-00 7200 3.0
 1.2E-04 1.00E-03 10.2 12.0
 5.16 10.0 15.0
 1000. 0400. 116 .021 -30.85
 WMS-57H-USC-0060 373000 2.00E-04 0.37E-04 295. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 NO .005 2.00E-00 2.00E-00 7200 35.0
 1.2E-04 0.37E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 0400. 116 .021 -30.85
 WMS-57H-USC-0070 381000 1.95E-04 0.57E-05 291. 5.16 15.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 NO .005 2.00E-00 2.00E-00 7200 3.0
 1.2E-04 1.71E-03 10.2 12.0
 5.16 10.0 15.0
 1000. 0400. 116 .020 -30.85
 WMS-57H-USC-0080 390700 1.91E-04 0.17E-04 280. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 NO .005 2.00E-00 2.00E-00 7200 35.0
 1.2E-04 0.37E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 0400. 116 .020 -30.85
 WMS-57H-USC-0090 399600 1.84E-04 0.19E-05 203. 5.16 15.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 NO .005 2.00E-00 2.00E-00 7200 3.0
 1.2E-04 1.00E-03 10.2 12.0
 5.16 10.0 15.0
 1000. 0400. 116 .019 -30.85
 WMS-57H-USC-0100 408000 1.82E-04 3.99E-04 279. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 NO .005 2.00E-00 2.00E-00 7200 35.0
 1.2E-04 0.01E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 0400. 116 .019 -30.85
 WMS-57H-USC-0110 417000 1.79E-04 7.00E-05 274. 5.16 10.0 2.13E-05 4

2.10E-09 .662 .419 0 0
MO .065 2.00E-08 2.00E-08 7200 3.0
9.03E-05 1.57E-03 10.2 12.0
5.16 14.0 15.0
1000. 1000. 116 .019 -30.05
WME-STH-USC-0706 428200 1.75E-04 3.03E-04 272. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 0 0
MO .065 2.00E-08 2.00E-08 7200 35.0
9.02E-05 7.60E-05 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .010 -30.05
WME-STH-USC-0700 432900 1.72E-04 7.56E-05 269. 5.16 15.0 2.13E-05 4
2.10E-09 .662 .419 0 0
MO .065 2.00E-08 2.00E-08 7200 3.0
9.00E-05 1.51E-03 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .010 -30.05
WME-STH-USC-0704 409400 1.53E-04 3.34E-04 265. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 0 0
MO .065 2.00E-08 2.00E-08 7200 35.0
9.00E-05 6.70E-05 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .016 -30.05
WME-STH-USC-0707 503900 1.37E-04 6.02E-05 262. 5.16 15.0 2.13E-05 4
2.10E-09 .662 .419 0 0
MO .065 2.00E-08 2.00E-08 7200 3.0
7.54E-05 1.24E-03 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .010 -30.05
WME-STH-USC-0821 509400 1.24E-04 2.72E-04 254. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 0 0
MO .065 2.00E-08 2.00E-08 7200 35.0
9.00E-05 5.00E-05 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .013 -30.05
WME-STH-USC-0834 654900 1.10E-04 5.00E-05 257. 5.16 15.0 2.13E-05 4
2.10E-09 .662 .419 0 0
MO .065 2.00E-08 2.00E-08 7200 3.0
6.20E-05 9.33E-04 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .012 -30.05
WME-STH-USC-0840 710400 1.05E-04 2.30E-04 254. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 0 0
MO .065 2.00E-08 2.00E-08 7200 35.0
9.00E-05 2.00E-08 2.00E-08 7200 3.0
5.70E-05 4.61E-05 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .011 -30.05
WME-STH-USC-0962 765900 0.72E-05 4.27E-05 250. 5.16 15.0 2.13E-05 4
2.10E-09 .662 .419 0 0
MO .065 2.00E-08 2.00E-08 7200 3.0
5.34E-05 8.54E-04 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .010 -30.05
WME-STH-USC-0976 821400 9.07E-05 1.00E-04 240. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 0 0
MO .065 2.00E-08 2.00E-08 7200 35.0
9.00E-05 3.00E-05 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .009 -30.05
WME-STH-USC-0990 870900 8.49E-05 3.73E-05 245. 5.16 15.0 2.13E-05 4
2.10E-09 .662 .419 0 0
MO .065 2.00E-08 2.00E-08 7200 3.0
4.00E-05 8.00E-04 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .008 -30.05
WME-STH-USC-0994 875400 7.00E-05 3.00E-05 240. 5.16 13.0 2.13E-05 4

2.10E-09 .000 .019 0 M
NO .005 2.00E-00 2.00E-00 7200 35.0
4.00E-05 3.51E-05 5.16 7.0
5.16 8.94 10.0
1000. 0400. 116 .000 -30.05
WMO-STN-USC-0917 907900 7.54E-05 3.31E-05 239. 5.16 15.0 2.13E-05 4
2.10E-09 .000 .019 0 M
NO .005 2.00E-00 2.00E-00 7200 35.0
4.10E-05 6.54E-04 10.2 12.0
5.16 14.0 15.0
1000. 0400. 116 .000 -30.05
WMO-STN-USC-0911 999999 7.54E-05 1.63E-04 234. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .019 0 M
NO .005 2.00E-00 2.00E-00 7200 35.0
4.10E-05 3.27E-05 5.16 7.0
5.16 8.94 10.0
1000. 0400. 116 .000 -30.05
WMO-STN-USC-0945 999999 7.54E-05 3.27E-05 229. 5.16 15.0 2.13E-05 4
2.10E-09 .000 .019 0 M
NO .005 2.00E-00 2.00E-00 7200 35.0
4.10E-05 6.54E-04 10.2 12.0
5.16 14.0 15.0
1000. 0400. 116 .000 -30.05
WMO-STN-USC-0950 999999 7.54E-05 1.63E-04 227. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .019 0 M
NO .005 2.00E-00 2.00E-00 7200 35.0
4.10E-05 3.27E-05 5.16 7.0
5.16 8.94 10.0
1000. 0400. 116 .000 -30.05
WMO-STN-USC-0972 999999 7.54E-05 3.27E-05 225. 5.16 15.0 2.13E-05 4
2.10E-09 .000 .019 0 M
NO .005 2.00E-00 2.00E-00 7200 35.0
4.10E-05 6.54E-04 10.2 12.0
5.16 14.0 15.0
1000. 0400. 116 .000 -30.05
WMO-STN-USC-0980 999999 7.54E-05 1.63E-04 222. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .019 0 M
NO .005 2.00E-00 2.00E-00 7200 35.0
4.10E-05 3.27E-05 5.16 7.0
5.16 8.94 10.0
1000. 0400. 116 .000 -30.05
WMO-STN-USC-1000 999999 7.54E-05 3.27E-05 220. 5.16 15.0 2.13E-05 4
2.10E-09 .000 .019 0 M
NO .005 2.00E-00 2.00E-00 7200 35.0
4.10E-05 6.54E-04 10.2 12.0
5.16 14.0 15.0
1000. 0400. 116 .000 -30.05
WMO-STN-USC-1014 999999 7.54E-05 1.63E-04 217. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .019 0 M
NO .005 2.00E-00 2.00E-00 7200 35.0
4.10E-05 3.27E-05 5.16 7.0
5.16 8.94 10.0
1000. 0400. 116 .000 -30.05
WMO-STN-USC-1020 999999 7.54E-05 3.27E-05 213. 5.16 15.0 2.13E-05 4
2.10E-09 .000 .019 0 M
NO .005 2.00E-00 2.00E-00 7200 35.0
4.10E-05 6.54E-04 10.2 12.0
5.16 14.0 15.0
1000. 0400. 116 .000 -30.05
WMO-STN-USC-1042 999999 7.54E-05 1.63E-04 209. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .019 0 M
NO .005 2.00E-00 2.00E-00 7200 35.0
4.10E-05 3.27E-05 5.16 7.0
5.16 8.94 10.0
1000. 0400. 116 .000 -30.05
WMO-STN-USC-1044 999999 7.54E-05 1.63E-04 204. 5.16 15.0 2.13E-05 4

2.10E-09 .462 .419 D 8
W0 .065 2.00E-08 2.00E-08 7200 3.0
4.10E-05 3.27E-05 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .000 -30.05
W06-STR-USC-1070 999997 7.45E-05 3.27E-05 203. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 D 8
W0 .065 2.00E-08 2.00E-08 7200 35.0
4.10E-05 6.54E-04 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .000 -30.05
W06-STR-USC-1034 810000 7.45E-05 1.63E-04 201. 5.16 15.0 2.13E-05 4
2.10E-09 .462 .419 D 8
W0 .065 2.00E-08 2.00E-08 7200 3.0
4.10E-05 3.27E-05 10.2 12.0
5.16 14.0 15.0
1000. 1600. 116 .000 -30.05
W06-STR-USC-1040 999999 7.45E-05 3.27E-05 197. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 D 8
W0 .065 2.00E-08 2.00E-08 7200 35.0
4.10E-05 6.54E-04 5.16 7.0
5.16 8.94 10.0
1000. 1600. 116 .000 -30.05
W06-STR-USC-1112 999999 7.45E-05 1.63E-04 194. 5.16 15.0 2.13E-05 4
2.10E-09 .462 .419 D 8
W0 .065 2.00E-08 2.00E-08 7200 3.0
4.10E-05 3.27E-05 10.2 12.0
5.16 14.0 15.0
1000. 6400. 116 .000 -30.05
W06-STR-USC-1126 999999 7.45E-05 3.27E-05 191. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 D 8
W0 .065 2.00E-08 2.00E-08 7200 35.0
4.10E-05 6.54E-04 5.16 7.0
5.16 8.94 10.0
1000. 6400. 116 .000 -30.05
W06-STR-USA-0353 333000 2.24E-04 4.90E-05 393. 5.16 13.0 2.13E-05 3
2.10E-09 .231 .419 D 8
W0 .065 2.00E-08 2.00E-08 7200 35.0
1.23E-04 9.05E-05 5.16 7.0
5.16 8.94 10.0
1000. 1600. 112 .024 -30.05
W06-STR-USA-0360 321900 2.31E-04 5.07E-04 301. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 D 8
W0 .065 2.00E-08 2.00E-08 7200 35.0
1.27E-04 1.02E-04 5.16 7.0
5.16 8.94 10.0
1000. 6400. 112 .024 -30.05
W06-STR-USA-0362 310000 2.40E-04 1.05E-04 370. 5.16 15.0 2.13E-05 4
2.10E-09 .462 .419 D 8
W0 .065 2.00E-08 2.00E-08 7200 3.0
1.32E-04 2.11E-03 10.2 12.0
5.16 14.0 15.0
1000. 6400. 112 .025 -30.05
W06-STR-USA-0397 299700 2.49E-04 5.44E-04 365. 5.16 13.0 2.13E-05 4
2.10E-09 .000 .419 D 8
W0 .065 2.00E-08 2.00E-08 7200 35.0
1.37E-04 1.09E-04 5.16 7.0
5.16 8.94 10.0
1000. 6400. 112 .026 -30.05
W06-STR-USA-0411 200600 2.54E-04 1.13E-04 353. 5.16 15.0 2.13E-05 4
2.10E-09 .462 .419 D 8
W0 .065 2.00E-08 2.00E-08 7200 3.0
1.42E-04 2.27E-03 10.2 12.0
5.16 14.0 15.0
1000. 6400. 112 .027 -30.05
W06-STR-USA-0424 207000 2.40E-04 5.08E-04 340. 5.16 13.0 2.13E-05 4

2.10E-09 .000 .419 0 0
 MO .005 2.00E-08 2.00E-08 7200 35.0
 1.40E-04 1.10E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .020 -30.05
 WMC-STP-USA-0441 246400 2.00E-04 1.23E-04 346. 5.16 15.0 2.13E-05 4
 2.10E-09 .442 .419 0 0
 MO .005 2.00E-08 2.00E-08 7200 35.0
 1.54E-04 2.44E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .029 -30.05
 WMC-STP-USA-0446 255300 2.92E-04 6.39E-04 344. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 MO .005 2.00E-08 2.00E-08 7200 35.0
 1.61E-04 1.20E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .031 -30.05
 WMC-STP-USA-0470 244200 3.05E-04 1.34E-04 342. 5.16 15.0 2.13E-05 4
 2.10E-09 .442 .419 0 0
 MO .005 2.00E-08 2.00E-08 7200 35.0
 1.40E-04 2.40E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .032 -30.05
 WMC-STP-USA-0495 253000 2.94E-04 6.45E-04 330. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 MO .005 2.00E-08 2.00E-08 7200 35.0
 1.02E-04 1.24E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .031 -30.05
 WMC-STP-USA-0499 261900 2.04E-04 1.25E-04 335. 5.16 15.0 2.13E-05 4
 2.10E-09 .442 .419 0 0
 MO .005 2.00E-08 2.00E-08 7200 35.0
 1.57E-04 2.50E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .030 -30.05
 WMC-STP-USA-0514 270400 2.75E-04 6.02E-04 331. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 MO .005 2.00E-08 2.00E-08 7200 35.0
 1.51E-04 1.21E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .029 -30.05
 WMC-STP-USA-0520 297700 2.50E-04 1.10E-04 320. 5.16 15.0 2.13E-05 4
 2.10E-09 .442 .419 0 0
 MO .005 2.00E-08 2.00E-08 7200 35.0
 1.30E-04 2.20E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .026 -30.05
 WMC-STP-USA-0543 200600 2.50E-04 7.05E-04 323. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 MO .005 2.00E-08 2.00E-08 7200 35.0
 1.42E-04 1.13E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .027 -30.05
 WMC-STP-USA-0557 297400 2.50E-04 1.10E-04 318. 5.16 15.0 2.13E-05 4
 2.10E-09 .442 .419 0 0
 MO .005 2.00E-08 2.00E-08 7200 35.0
 1.30E-04 2.20E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .026 -30.05
 WMC-STP-USA-0572 306300 2.43E-04 5.32E-04 316. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 MO .005 2.00E-08 2.00E-08 7200 35.0
 1.34E-04 1.07E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .026 -30.05
 WMC-STP-USA-0587 306300 2.43E-04 5.32E-04 316. 5.16 13.0 2.13E-05 4

2.10E-09 .462 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 3.0
 1.30E-04 2.00E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .025 -30.05
 WAG-STR-USA-001 319000 2.33E-04 5.10E-04 310. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 35.0
 1.20E-04 1.02E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .025 -30.05
 WAG-STR-USA-001 319000 2.27E-04 9.90E-05 307. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 3.0
 1.25E-04 1.95E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .025 -30.05
 WAG-STR-USA-002 337440 2.21E-04 4.03E-04 303. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 35.0
 1.27E-04 9.70E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .023 -30.05
 WAG-STR-USA-002 346320 2.15E-04 9.45E-05 300. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 3.0
 1.10E-04 1.04E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .023 -30.05
 WAG-STR-USA-003 355200 2.10E-04 4.54E-04 297. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 35.0
 1.16E-04 9.21E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .022 -30.05
 WAG-STR-USA-003 364000 2.05E-04 8.90E-05 295. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 3.0
 1.13E-04 1.00E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .022 -30.05
 WAG-STR-USA-003 372000 2.00E-04 4.37E-04 291. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 35.0
 1.10E-04 8.77E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .021 -30.05
 WAG-STR-USA-003 381000 1.95E-04 8.57E-05 288. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 3.0
 1.07E-04 1.71E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .020 -30.05
 WAG-STR-USA-003 390720 1.91E-04 4.17E-04 286. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 35.0
 1.05E-04 8.37E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .020 -30.05
 WAG-STR-USA-004 399000 1.86E-04 8.10E-05 283. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D M
 NO .005 2.00E-08 2.00E-08 7200 3.0
 1.03E-04 1.64E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .019 -30.05
 WAG-STR-USA-004 408000 1.80E-04 7.90E-05 280. 5.16 13.0 2.13E-05 4

2.10E-09 .000 .419 0 0
 W0 .065 2.00E-08 2.00E-08 7200 35.0
 1.00E-04 0.01E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 6400. 112 .019 -30.05
 W06-STR-USA-0752 417360 1.70E-04 7.00E-05 276. 5.16 15.0 2.13E-05 4
 2.10E-09 .442 .419 0 0
 W0 .065 2.00E-08 2.00E-08 7200 3.0
 9.00E-05 1.57E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 112 .019 -30.05
 W06-STR-USA-0760 426400 1.75E-04 3.00E-04 272. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 W0 .065 2.00E-08 2.00E-08 7200 35.0
 9.00E-05 7.00E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 112 .019 -30.05
 W06-STR-USA-0760 432000 1.72E-04 7.50E-05 269. 5.16 15.0 2.13E-05 4
 2.10E-09 .442 .419 0 0
 W0 .065 2.00E-08 2.00E-08 7200 3.0
 9.00E-05 1.51E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .019 -30.05
 W06-STR-USA-0794 480000 1.53E-04 3.34E-04 205. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 W0 .065 2.00E-08 2.00E-08 7200 35.0
 0.40E-05 6.70E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 6400. 112 .019 -30.05
 W06-STR-USA-0807 543000 1.37E-04 0.02E-05 262. 5.16 15.0 2.13E-05 4
 2.10E-09 .442 .419 0 0
 W0 .065 2.00E-08 2.00E-08 7200 3.0
 7.50E-05 1.20E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .019 -30.05
 W06-STR-USA-0834 654000 1.24E-04 2.72E-04 259. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 W0 .065 2.00E-08 2.00E-08 7200 35.0
 0.40E-05 5.40E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 6400. 112 .013 -30.05
 W06-STR-USA-0834 654000 1.14E-04 5.00E-05 257. 5.16 15.0 2.13E-05 4
 2.10E-09 .442 .419 0 0
 W0 .065 2.00E-08 2.00E-08 7200 3.0
 6.20E-05 9.90E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .017 -30.05
 W06-STR-USA-0840 710400 1.05E-04 2.30E-04 254. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 W0 .065 2.00E-08 2.00E-08 7200 35.0
 5.70E-05 4.01E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 6400. 112 .011 -30.05
 W06-STR-USA-0862 765000 9.72E-05 4.27E-05 250. 5.16 15.0 2.13E-05 4
 2.10E-09 .442 .419 0 0
 W0 .065 2.00E-08 2.00E-08 7200 3.0
 5.30E-05 8.54E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .010 -30.05
 W06-STR-USA-0876 821000 9.07E-05 1.99E-04 240. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 0
 W0 .065 2.00E-08 2.00E-08 7200 35.0
 4.90E-05 3.90E-05 5.16 7.0
 5.16 0.94 10.0
 1000. 6400. 112 .009 -30.05
 W06-STR-USA-0890 874000 8.40E-05 2.70E-05 235. 5.16 15.0 2.13E-05

2.10E-09 .462 .419 D M
 MO .065 2.00E-08 2.00E-08 7200 3.0
 4.06E-05 7.44E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .000 -30.05
 WMS-STP-USA-0903 932400 7.97E-05 1.75E-04 242. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D M
 MO .065 2.00E-08 2.00E-08 7200 35.0
 4.06E-05 3.51E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .000 -30.05
 WMS-STP-USA-0917 987900 7.54E-05 3.31E-05 239. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D M
 MO .065 2.00E-08 2.00E-08 7200 3.0
 4.15E-05 6.42E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .000 -30.05
 WMS-STP-USA-0931 999999 7.45E-05 1.63E-04 234. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D M
 MO .065 2.00E-08 2.00E-08 7200 35.0
 4.10E-05 3.27E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .000 -30.05
 WMS-STP-USA-0945 999999 7.45E-05 3.27E-05 229. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D M
 MO .065 2.00E-08 2.00E-08 7200 3.0
 4.10E-05 6.54E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .000 -30.05
 WMS-STP-USA-0948 999999 7.45E-05 1.63E-04 227. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D M
 MO .065 2.00E-08 2.00E-08 7200 35.0
 4.10E-05 3.27E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .000 -30.05
 WMS-STP-USA-0972 999999 7.45E-05 3.27E-05 225. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D M
 MO .065 2.00E-08 2.00E-08 7200 3.0
 4.10E-05 6.54E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .000 -30.05
 WMS-STP-USA-0984 999999 7.45E-05 1.63E-04 222. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D M
 MO .065 2.00E-08 2.00E-08 7200 35.0
 4.10E-05 3.27E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .000 -30.05
 WMS-STP-USA-1000 999999 7.45E-05 3.27E-05 220. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D M
 MO .065 2.00E-08 2.00E-08 7200 3.0
 4.10E-05 6.54E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .000 -30.05
 WMS-STP-USA-1014 999999 7.45E-05 1.63E-04 216. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D M
 MO .065 2.00E-08 2.00E-08 7200 35.0
 4.10E-05 3.27E-05 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 112 .000 -30.05
 WMS-STP-USA-1020 999999 7.45E-05 3.27E-05 213. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D M
 MO .065 2.00E-08 2.00E-08 7200 3.0
 4.10E-05 6.54E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 112 .000 -30.05
 WMS-STP-USA-1025 999999 7.45E-05 1.63E-04 209. 5.16 13.0 2.13E-05 4

2.10E-09	0.000	0.019	0.0	
0.0005	2.00E-08	2.00E-08	7200	35.0
0.10E-05	3.27E-05	5.16	7.0	
1.00E-06	0.000	112	0.000	-30.0%
0.00E-570	1.5E-10	0.000000	7.0E-05	200
2.10E-08	0.000	0.019	0.0	
0.0005	2.00E-08	2.00E-08	7200	3.0
0.10E-05	6.54E-04	10.2	12.0	
5.16	16.0	15.0		
1.00E-06	0.000	112	0.000	-10.0%
0.00E-570	1.5E-10	0.000000	7.0E-05	203
2.10E-08	0.000	0.019	0.0	
0.0005	2.00E-08	2.00E-08	7200	35.0
0.10E-05	3.27E-05	5.16	7.0	
1.00E-06	0.000	112	0.000	-30.0%
0.00E-570	1.5E-10	0.000000	7.0E-05	201
2.10E-08	0.000	0.019	0.0	
0.0005	2.00E-08	2.00E-08	7200	3.0
0.10E-05	6.54E-04	10.2	12.0	
5.16	16.0	15.0		
1.00E-06	0.000	112	0.000	-10.0%
0.00E-570	1.5E-10	0.000000	7.0E-05	199
2.10E-08	0.000	0.019	0.0	
0.0005	2.00E-08	2.00E-08	7200	35.0
0.10E-05	3.27E-05	5.16	7.0	
1.00E-06	0.000	112	0.000	-30.0%
0.00E-570	1.5E-10	0.000000	7.0E-05	194
2.10E-08	0.000	0.019	0.0	
0.0005	2.00E-08	2.00E-08	7200	3.0
0.10E-05	6.54E-04	10.2	12.0	
5.16	16.0	15.0		
1.00E-06	0.000	112	0.000	-10.0%
0.00E-570	1.5E-10	0.000000	7.0E-05	191
2.10E-08	0.000	0.019	0.0	
0.0005	2.00E-08	2.00E-08	7200	35.0
0.10E-05	3.27E-05	5.16	7.0	
1.00E-06	0.000	112	0.000	-30.0%
0.00E-570	1.5E-10	0.000000	7.0E-05	187
2.10E-08	0.000	0.019	0.0	
0.0005	2.00E-08	2.00E-08	7200	3.0
0.10E-05	6.54E-04	10.2	12.0	
5.16	16.0	15.0		
1.00E-06	0.000	112	0.000	-10.0%
0.00E-570	1.5E-10	0.000000	7.0E-05	184
2.10E-08	0.000	0.019	0.0	
0.0005	2.00E-08	2.00E-08	7200	3.0
0.10E-05	6.54E-04	10.2	12.0	
5.16	16.0	15.0		
1.00E-06	0.000	112	0.000	-10.0%
0.00E-570	1.5E-10	0.000000	7.0E-05	180
2.10E-08	0.000	0.019	0.0	
0.0005	2.00E-08	2.00E-08	7200	3.0
0.10E-05	6.54E-04	10.2	12.0	
5.16	16.0	15.0		
1.00E-06	0.000	112	0.000	-10.0%
0.00E-570	1.5E-10	0.000000	7.0E-05	176
2.10E-08	0.000	0.019	0.0	
0.0005	2.00E-08	2.00E-08	7200	3.0
0.10E-05	6.54E-04	10.2	12.0	
5.16	16.0	15.0		
1.00E-06	0.000	112	0.000	-10.0%
0.00E-570	1.5E-10	0.000000	7.0E-05	173
2.10E-08	0.000	0.019	0.0	
0.0005	2.00E-08	2.00E-08	7200	3.0
0.10E-05	6.54E-04	10.2	12.0	
5.16	16.0	15.0		
1.00E-06	0.000	112	0.000	-10

2.10E-09	6.6E-04	4.1E 0 A	
NO	0.05	2.00E-08	2.00E-08 7200 3.0
4.23E-05	6.75E-04	10.2 12.0	
5.16 14.0	15.0		
1000. 6400. 120	0.093 -0.81		
WMG-STP-LSF-0.306	440240 1.35E-05	1.60E-04	361. 5.16 13.0 2.13E-05 4
2.10E-09	0.00	4.1E 0 A	
NO	0.05	2.00E-08	2.00E-08 7200 0.0
1.60E-04	1.93E-04	5.16 7.0	
5.16 8.94 10.8			
1000. 6400. 120	0.093 -0.81		
WMG-STP-LSF-0.342	440240 1.35E-05	3.37E-04	370. 5.16 15.0 2.13E-05 4
2.10E-09	0.00	4.1E 0 A	
NO	0.05	2.00E-08	2.00E-08 7200 3.0
4.23E-05	6.75E-04	10.2 12.0	
5.16 14.0	15.0		
1000. 6400. 120	0.093 -0.81		
WMG-STP-LSF-0.397	440240 1.35E-05	1.44E-04	365. 5.16 13.0 2.13E-05 4
2.10E-09	0.00	4.1E 0 A	
NO	0.05	2.00E-08	2.00E-08 7200 0.0
1.60E-04	1.93E-04	5.16 7.0	
5.16 8.94 10.8			
1000. 6400. 120	0.093 -0.81		
WMG-STP-LSF-0.426	440240 1.35E-05	3.45E-04	353. 5.16 15.0 2.13E-05 4
2.10E-09	0.00	4.1E 0 A	
NO	0.05	2.00E-08	2.00E-08 7200 3.0
4.23E-05	6.75E-04	10.2 12.0	
5.16 14.0	15.0		
1000. 6400. 120	0.093 -0.81		
WMG-STP-LSF-0.441	440240 1.35E-05	3.62E-04	346. 5.16 15.0 2.13E-05 4
2.10E-09	0.00	4.1E 0 A	
NO	0.05	2.00E-08	2.00E-08 7200 0.0
7.07E-04	1.04E-04	5.16 7.0	
5.16 8.94 10.8			
1000. 6400. 120	0.093 -0.81		
WMG-STP-LSF-0.456	440240 1.35E-05	3.62E-04	346. 5.16 15.0 2.13E-05 4
2.10E-09	0.00	4.1E 0 A	
NO	0.05	2.00E-08	2.00E-08 7200 3.0
4.23E-05	6.75E-04	10.2 12.0	
5.16 14.0	15.0		
1000. 6400. 120	0.093 -0.81		
WMG-STP-LSF-0.470	440240 1.35E-05	3.79E-04	342. 5.16 15.0 2.13E-05 4
2.10E-09	0.00	4.1E 0 A	
NO	0.05	2.00E-08	2.00E-08 7200 3.0
4.23E-05	6.75E-04	10.2 12.0	
5.16 14.0	15.0		
1000. 6400. 120	0.093 -0.81		
WMG-STP-LSF-0.485	440240 1.35E-05	3.97E-04	335. 5.16 15.0 2.13E-05 4
2.10E-09	0.00	4.1E 0 A	
NO	0.05	2.00E-08	2.00E-08 7200 0.0
4.90E-05	3.91E-04	5.16 7.0	
5.16 8.94 10.8			
1000. 6400. 120	0.093 -0.81		
WMG-STP-LSF-0.499	440240 1.35E-05	3.97E-04	335. 5.16 15.0 2.13E-05 4
2.10E-09	0.00	4.1E 0 A	
NO	0.05	2.00E-08	2.00E-08 7200 3.0
4.97E-05	7.93E-04	10.2 12.0	
5.16 14.0	15.0		
1000. 6400. 120	0.093 -0.81		
WMG-STP-LSF-0.514	440240 1.35E-05	4.10E-04	331. 5.16 15.0 2.13E-05 4

2,107-00	0.000	0.10	0 A	
00	2,000-00	2,000-00	7200	0.0
5,116-00	0.000-00	5,10	7.0	
5,116	0.00	10.0		
1000, 0000, 120	111	-0.01		
000-510-15	-0.000	30000	1,055-00	4,111-00 320, 5,10 15.0 2,110-05 4
2,100-00	0.00	0.10	0 A	
00	0.00	2,000-00	2,000-00	7200 3.0
5,107-05	0.211-00	10.7	12.0	
5,10	10.0	15.0		
1000, 0000, 120	111	-0.01		
000-510-15	-0.000	30000	1,000-00	7,000-00 12.1, 5,10 15.0 2,110-05 4
2,100-00	0.00	0.10	0 A	
00	0.00	2,000-00	2,000-00	7200 0.0
5,107-05	0.100-00	5,10	7.0	
5,10	0.00	10.0		
1000, 0000, 120	111	-0.01		
000-510-15	-0.000	30000	1,011-00	4,111-00 310, 5,10 15.0 2,110-05 4
2,100-00	0.00	0.10	0 A	
00	0.00	2,000-00	2,000-00	7200 3.0
5,107-05	0.510-00	10.7	12.0	
5,10	10.0	15.0		
1000, 0000, 120	111	-0.01		
000-510-15	-0.000	30000	1,011-00	4,111-00 310, 5,10 15.0 2,110-05 4
2,100-00	0.00	0.10	0 A	
00	0.00	2,000-00	2,000-00	7200 0.0
5,107-05	0.510-00	10.7	12.0	
5,10	10.0	15.0		
1000, 0000, 120	111	-0.01		
000-510-15	-0.000	30000	1,011-00	4,111-00 310, 5,10 15.0 2,110-05 4
2,100-00	0.00	0.10	0 A	
00	0.00	2,000-00	2,000-00	7200 0.0
5,107-05	0.510-00	10.7	12.0	
5,10	10.0	15.0		
1000, 0000, 120	111	-0.01		
000-510-15	-0.000	30000	1,011-00	4,111-00 310, 5,10 15.0 2,110-05 4
2,100-00	0.00	0.10	0 A	
00	0.00	2,000-00	2,000-00	7200 0.0
5,107-05	0.510-00	10.7	12.0	
5,10	10.0	15.0		
1000, 0000, 120	111	-0.01		
000-510-15	-0.000	30000	1,011-00	4,111-00 310, 5,10 15.0 2,110-05 4
2,100-00	0.00	0.10	0 A	
00	0.00	2,000-00	2,000-00	7200 0.0
5,107-05	0.510-00	10.7	12.0	
5,10	10.0	15.0		
1000, 0000, 120	111	-0.01		
000-510-15	-0.000	30000	1,011-00	4,111-00 310, 5,10 15.0 2,110-05 4
2,100-00	0.00	0.10	0 A	
00	0.00	2,000-00	2,000-00	7200 0.0
5,107-05	0.510-00	10.7	12.0	
5,10	10.0	15.0		
1000, 0000, 120	111	-0.01		
000-510-15	-0.000	30000	1,011-00	4,111-00 310, 5,10 15.0 2,110-05 4
2,100-00	0.00	0.10	0 A	
00	0.00	2,000-00	2,000-00	7200 0.0
5,107-05	0.510-00	10.7	12.0	
5,10	10.0	15.0		
1000, 0000, 120	111	-0.01		
000-510-15	-0.000	30000	1,011-00	4,111-00 310, 5,10 15.0 2,110-05 4
2,100-00	0.00	0.10	0 A	
00	0.00	2,000-00	2,000-00	7200 0.0
5,107-05	0.510-00	10.7	12.0	
5,10	10.0	15.0		
1000, 0000, 120				

2.10E-09 .462 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 6.13E-05 9.75E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .135 -0.01
 WAG-STW-LSF-0603 320400 1.90E-05 2.40E-04 201. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 0.0
 6.10E-05 4.93E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 1600. 120 .136 -0.01
 WAG-STW-LSF-0607 325000 2.00E-05 4.90E-04 204. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 6.23E-05 9.95E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .137 -0.01
 WAG-STW-LSF-0710 322920 2.01E-05 2.50E-04 206. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 0.0
 6.20E-05 5.02E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 1600. 120 .139 -0.01
 WAG-STW-LSF-0724 320160 2.03E-05 5.06E-04 203. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 6.34E-05 1.01E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .139 -0.01
 WAG-STW-LSF-0730 317400 2.05E-05 2.55E-04 279. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 0.0
 6.39E-05 5.11E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 1600. 120 .141 -0.01
 WAG-STW-LSF-0752 314600 2.07E-05 5.15E-04 276. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 6.45E-05 1.03E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .142 -0.01
 WAG-STW-LSF-0766 314600 2.07E-05 2.57E-04 272. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 0.0
 6.45E-05 5.15E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 1600. 120 .142 -0.01
 WAG-STW-LSF-0790 317400 2.05E-05 5.11E-04 269. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 6.39E-05 1.02E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .141 -0.01
 WAG-STW-LSF-0794 320160 2.03E-05 2.53E-04 265. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 0.0
 6.34E-05 5.06E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 1600. 120 .139 -0.01
 WAG-STW-LSF-0807 322920 2.01E-05 5.02E-04 202. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 6.20E-05 1.00E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 120 .139 -0.01
 WAG-STW-LSF-0851 325000 2.00E-05 4.90E-04 204. 5.16 13.0 2.13E-05 4

2.10E-09 .000 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 6.23E-05 4.90E-04 5.16 7.0
 5.16 0.04 10.0
 1000. 6400. 120 .137 -0.01
 WNG-STN-LSF-0434 320440 1.90E-05 4.03E-04 257. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 3.0
 6.10E-05 9.87E-04 10.2 12.0
 5.16 10.0 15.0
 1000. 6400. 120 .130 -0.01
 WNG-STN-LSF-0444 331200 1.90E-05 2.04E-04 254. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .415 D A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 6.13E-05 4.89E-04 5.16 7.0
 5.16 0.04 10.0
 1000. 6400. 120 .135 -0.01
 WNG-STN-LSF-0462 339400 1.91E-05 4.77E-04 250. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 3.0
 5.00E-05 9.55E-04 10.2 12.0
 5.16 10.0 15.0
 1000. 6400. 120 .132 -0.01
 WNG-STN-LSF-0476 347700 1.87E-05 2.13E-04 240. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 5.64E-05 4.60E-04 5.16 7.0
 5.16 0.04 10.0
 1000. 6400. 120 .129 -0.01
 WNG-STN-LSF-0504 356000 1.83E-05 4.55E-04 245. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 3.0
 5.70E-05 9.10E-04 10.2 12.0
 5.16 10.0 15.0
 1000. 6400. 120 .124 -0.01
 WNG-STN-LSF-0503 364320 1.79E-05 2.22E-04 242. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 5.57E-05 4.45E-04 5.16 7.0
 5.16 0.04 10.0
 1000. 6400. 120 .123 -0.01
 WNG-STN-LSF-0517 372600 1.74E-05 4.35E-04 239. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 3.0
 5.45E-05 8.70E-04 10.2 12.0
 5.16 10.0 15.0
 1000. 6400. 120 .120 -0.01
 WNG-STN-LSF-0531 380800 1.71E-05 2.12E-04 234. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 5.33E-05 4.25E-04 5.16 7.0
 5.16 0.04 10.0
 1000. 6400. 120 .117 -0.01
 WNG-STN-LSF-0545 389100 1.67E-05 4.16E-04 229. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 3.0
 5.21E-05 8.13E-04 10.2 12.0
 5.16 10.0 15.0
 1000. 6400. 120 .115 -0.01
 WNG-STN-LSF-0558 397400 1.63E-05 2.03E-04 227. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 5.11E-05 4.00E-04 5.16 7.0
 5.16 0.04 10.0
 1000. 6400. 120 .113 -0.01
 WNG-STN-LSF-0572 405700 1.60E-05 1.90E-04 224. 5.16 15.0 2.13E-05 4

2.10E-09 .46E .419 0 A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 5.16 14.0 15.4
 1000. 6400. 120 .095 -0.01
 WNG-STB-LSF-0946 41600 1.57E-05 1.09E-04 222. 5.16 13.0 2.13E-05 4
 2.10E-09 .46E .419 0 A
 MO .065 2.00E-08 2.00E-08 7200 0.0
 4.40E-05 3.91E-04 5.16 7.0
 5.16 8.94 10.8
 1000. 6400. 120 .104 -0.01
 WNG-STB-LSF-1000 42700 1.57E-05 3.70E-04 220. 5.16 15.0 2.13E-05 4
 2.10E-09 .46E .419 0 A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 4.74E-05 7.50E-04 10.2 12.0
 5.16 14.0 15.4
 1000. 6400. 120 .105 -0.01
 WNG-STB-LSF-1014 43320 1.50E-05 1.07E-04 217. 5.16 13.0 2.13E-05 4
 2.10E-09 .46E .419 0 A
 MO .065 2.00E-08 2.00E-08 7200 0.0
 4.40E-05 3.74E-04 5.16 7.0
 5.16 8.94 10.8
 1000. 6400. 120 .103 -0.01
 WNG-STB-LSF-1020 43600 1.40E-05 3.72E-04 213. 5.16 15.0 2.13E-05 4
 2.10E-09 .46E .419 0 A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 4.65E-05 7.43E-04 10.2 12.0
 5.16 14.0 15.4
 1000. 6400. 120 .103 -0.01
 WNG-STB-LSF-1020 43600 1.40E-05 3.72E-04 213. 5.16 13.0 2.13E-05 4
 2.10E-09 .46E .419 0 A
 MO .065 2.00E-08 2.00E-08 7200 0.0
 4.65E-05 7.43E-04 5.16 7.0
 5.16 8.94 10.8
 1000. 6400. 120 .101 -0.01
 WNG-STB-LSF-1050 44720 1.45E-05 3.62E-04 206. 5.16 15.0 2.13E-05 4
 2.10E-09 .46E .419 0 A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 4.54E-05 7.25E-04 10.2 12.0
 5.16 14.0 15.4
 1000. 6400. 120 .100 -0.01
 WNG-STB-LSF-1070 45540 1.43E-05 1.70E-04 203. 5.16 13.0 2.13E-05 4
 2.10E-09 .46E .419 0 A
 MO .065 2.00E-08 2.00E-08 7200 0.0
 4.40E-05 3.50E-04 5.16 7.0
 5.16 8.94 10.8
 1000. 6400. 120 .098 -0.01
 WNG-STB-LSF-1084 46920 1.39E-05 3.45E-04 201. 5.16 15.0 2.13E-05 4
 2.10E-09 .46E .419 0 A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 4.33E-05 6.91E-04 10.2 12.0
 5.16 14.0 15.4
 1000. 6400. 120 .095 -0.01
 WNG-STB-LSF-1094 48000 1.35E-05 1.67E-04 197. 5.16 13.0 2.13E-05 4
 2.10E-09 .46E .419 0 A
 MO .065 2.00E-08 2.00E-08 7200 0.0
 4.20E-05 3.35E-04 5.16 7.0
 5.16 8.94 10.8
 1000. 6400. 120 .092 -0.01
 WNG-STB-LSF-1112 48520 1.33E-05 3.32E-04 194. 5.16 15.0 2.13E-05 4
 2.10E-09 .46E .419 0 A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 4.15E-05 6.63E-04 10.2 12.0
 5.16 14.0 15.4
 1000. 6400. 120 .092 -0.01
 WNG-STB-LSF-1124 48720 1.33E-05 3.32E-04 191. 5.16 13.0 2.13E-05 4

2.10E-00 .000 .419 0 A
 M0 .065 2.00E-00 2.00E-00 7200 0.0
 4.13E-05 3.30E-04 5.16 7.6
 5.16 0.94 16.0
 1000. 6400. 120 .001 -0.01
 M0G-S7R-LSC-0324 240120 2.71E-05 6.75E-04 416. 5.16 15.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 M0 .065 2.00E-00 2.00E-00 7200 3.0
 9.45E-05 1.35E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 116 .106 -0.01
 M0G-S7R-LSC-0330 240120 2.71E-05 3.37E-04 405. 5.16 13.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 M0 .065 2.00E-00 2.00E-00 7200 0.0
 9.45E-05 3.37E-04 5.16 7.6
 5.16 0.94 10.0
 1000. 6400. 116 .106 -0.01
 M0G-S7R-LSC-0353 240120 2.71E-05 6.75E-04 393. 5.16 15.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 M0 .065 2.00E-00 2.00E-00 7200 3.0
 9.45E-05 1.35E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 116 .106 -0.01
 M0G-S7R-LSC-0368 240120 2.71E-05 3.37E-04 361. 5.16 13.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 M0 .065 2.00E-00 2.00E-00 7200 0.0
 9.45E-05 3.37E-04 5.16 7.6
 5.16 0.94 10.0
 1000. 6400. 116 .106 -0.01
 M0G-S7R-LSC-0382 240120 2.71E-05 6.75E-04 370. 5.16 15.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 M0 .065 2.00E-00 2.00E-00 7200 3.0
 9.45E-05 1.35E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 116 .106 -0.01
 M0G-S7R-LSC-0397 240120 2.71E-05 3.37E-04 365. 5.16 13.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 M0 .065 2.00E-00 2.00E-00 7200 0.0
 9.45E-05 3.37E-04 5.16 7.6
 5.16 0.94 10.0
 1000. 6400. 116 .106 -0.01
 M0G-S7R-LSC-0411 234000 2.71E-05 6.91E-04 353. 5.16 15.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 M0 .065 2.00E-00 2.00E-00 7200 3.0
 9.45E-05 1.35E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 116 .191 -0.01
 M0G-S7R-LSC-0426 229000 2.04E-05 3.53E-04 349. 5.16 13.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 M0 .065 2.00E-00 2.00E-00 7200 0.0
 9.45E-05 3.54E-04 5.16 7.6
 5.16 0.94 10.0
 1000. 6400. 116 .195 -0.01
 M0G-S7R-LSC-0441 223500 2.91E-05 7.25E-04 346. 5.16 15.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 M0 .065 2.00E-00 2.00E-00 7200 3.0
 9.45E-05 1.45E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 116 .200 -0.01
 M0G-S7R-LSC-0454 218000 2.90E-05 3.71E-04 344. 5.16 13.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 M0 .065 2.00E-00 2.00E-00 7200 0.0
 9.31E-05 7.43E-04 5.16 7.6
 5.16 0.94 10.0
 1000. 6400. 116 .205 -0.01
 M0G-S7R-LSC-0470 213000 3.04E-05 3.12E-04 343. 5.16 15.0 2.13E-05 4

2.10E-09 .462 .419 D A
 NO .065 2.00E-08 2.00E-08 7200 3.0
 5.16 14.0 15.0
 1000. 6400. 116 .204 -0.01
 WNG-STR-LSC-0545 207000 3.14E-05 3.51E-04 330. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 NO .065 2.00E-08 2.00E-08 7200 0.0
 9.50E-05 7.43E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 116 .216 -0.01
 WNG-STR-LSC-0540 704240 3.19E-05 7.93E-04 335. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 NO .065 2.00E-08 2.00E-08 7200 3.0
 9.94E-05 1.57E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 116 .219 -0.01
 WNG-STR-LSC-0514 198720 3.27E-05 4.07E-04 331. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 NO .065 2.00E-08 2.00E-08 7200 0.0
 1.07E-04 9.15E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 116 .225 -0.01
 WNG-STR-LSC-0528 197340 3.29E-05 4.21E-04 329. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 NO .065 2.00E-08 2.00E-08 7200 3.0
 1.04E-04 1.64E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 116 .226 -0.01
 WNG-STR-LSC-0543 193200 3.36E-05 4.19E-04 323. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 NO .065 2.00E-08 2.00E-08 7200 0.0
 1.05E-04 8.39E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 116 .232 -0.01
 WNG-STR-LSC-0557 198440 3.41E-04 4.51E-04 310. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 NO .065 2.00E-08 2.00E-08 7200 3.0
 1.07E-04 1.70E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 116 .235 -0.01
 WNG-STR-LSC-0572 187600 3.46E-04 4.31E-04 316. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 NO .065 2.00E-08 2.00E-08 7200 0.0
 1.04E-04 8.63E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 116 .238 -0.01
 WNG-STR-LSC-0587 184920 3.51E-05 4.74E-04 314. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 NO .065 2.00E-08 2.00E-08 7200 3.0
 1.10E-04 1.75E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 116 .247 -0.01
 WNG-STR-LSC-0601 180700 3.59E-05 4.47E-04 310. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 NO .065 2.00E-08 2.00E-08 7200 0.0
 1.12E-04 8.90E-04 5.16 7.0
 5.16 8.94 10.0
 1000. 6400. 116 .247 -0.01
 WNG-STR-LSC-0616 176440 3.60E-05 4.17E-04 307. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 NO .065 2.00E-08 2.00E-08 7200 3.0
 1.15E-04 1.63E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 6400. 116 .253 -0.01
 WNG-STR-LSC-0629 173000 3.74E-05 4.45E-04 303 5.16 13.0 2.13E-05 4

2.10E-09	.000	.419	0	A					
MO	.045	2.00E-08	2.00E-08	7200	0.0				
1.17E-04	9.32E-04	5.16	7.0						
5.16	0.94	10.8							
1000.	1600.	116.	257	-0.01					
WMS-STR-1SC-0642	171120	3.00E-05	9.47E-04	300.	5.16	15.0	2.13E-05	4	
2.10E-09	.462	.419	0	A					
MO	.045	2.00E-08	2.00E-08	7200	3.0				
1.10E-04	1.09E-03	10.2	12.0						
5.16	14.0	15.8							
1000.	1600.	116.	261	-0.01					
WMS-STR-1SC-0656	160360	3.06E-05	4.08E-04	297.	5.16	13.0	2.13E-05	4	
2.10E-09	.000	.419	0	A					
MO	.045	2.00E-08	2.00E-08	7200	0.0				
1.21E-04	9.62E-04	5.16	7.0						
5.16	0.94	10.8							
1000.	1600.	116.	266	-0.01					
WMS-STR-1SC-0669	105600	3.92E-05	9.79E-04	295.	5.16	15.0	2.13E-05	4	
2.10E-09	.462	.419	0	A					
MO	.045	2.00E-08	2.00E-08	7200	3.0				
1.23E-04	1.04E-03	10.2	12.0						
5.16	14.0	15.8							
1000.	1600.	116.	272	-0.01					
WMS-STR-1SC-0697	162040	3.90E-05	9.95E-04	288.	5.16	15.0	2.13E-05	4	
2.10E-09	.000	.419	0	A					
MO	.045	2.00E-08	2.00E-08	7200	0.0				
1.24E-04	9.87E-04	5.16	7.0						
5.16	0.94	10.8							
1000.	1600.	116.	277	-0.01					
WMS-STR-1SC-0710	161460	4.02E-05	5.01E-04	286.	5.16	13.0	2.13E-05	4	
2.10E-09	.462	.419	0	A					
MO	.045	2.00E-08	2.00E-08	7200	0.0				
1.24E-04	1.00E-03	5.16	7.0						
5.16	0.94	10.8							
1000.	1600.	116.	277	-0.01					
WMS-STR-1SC-0726	160900	4.06E-05	1.01E-03	285.	5.16	15.0	2.13E-05	4	
2.10E-09	.462	.419	0	A					
MO	.045	2.00E-08	2.00E-08	7200	3.0				
1.27E-04	2.02E-03	10.2	12.0						
5.16	14.0	15.8							
1000.	1600.	116.	279	-0.01					
WMS-STR-1SC-0730	150700	4.03E-05	5.10E-04	279.	5.16	13.0	2.13E-05	4	
2.10E-09	.000	.419	0	A					
MO	.045	2.00E-08	2.00E-08	7200	0.0				
1.29E-04	1.02E-03	5.16	7.0						
5.16	0.94	10.8							
1000.	1600.	116.	282	-0.01					
WMS-STR-1SC-0752									

2.10E-04 .462 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 1.24E-04 2.04E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 116 .262 -0.01
 WNG-STP-LSC-0704 160000 4.06E-05 5.04E-04 265. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 0.0
 1.27E-04 1.01E-03 5.16 7.0
 5.16 8.04 10.0
 1000. 1600. 116 .279 -0.01
 WNG-STP-LSC-0707 161400 4.02E-05 1.00E-03 262. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 1.24E-04 2.01E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 116 .277 -0.01
 WNG-STP-LSC-0721 162000 3.99E-05 4.97E-04 259. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 0.0
 1.24E-04 9.95E-04 5.16 7.0
 5.16 8.04 10.0
 1000. 1600. 116 .275 -0.01
 WNG-STP-LSC-0734 164220 3.36E-05 9.07E-04 257. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 1.24E-04 1.97E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 116 .272 -0.01
 WNG-STP-LSC-0740 165000 3.92E-05 4.06E-04 254. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 0.0
 1.23E-04 9.79E-04 5.16 7.0
 5.16 8.04 10.0
 1000. 1600. 116 .270 -0.01
 WNG-STP-LSC-0762 169740 3.03E-05 9.55E-04 250. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 1.20E-04 1.91E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 116 .264 -0.01
 WNG-STP-LSC-0776 173000 3.74E-05 4.05E-04 248. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 0.0
 1.17E-04 9.34E-04 5.16 7.0
 5.16 8.04 10.0
 1000. 1600. 116 .257 -0.01
 WNG-STP-LSC-0890 178020 3.65E-05 9.10E-04 245. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 1.14E-04 1.92E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 116 .251 -0.01
 WNG-STP-LSC-0903 182160 3.57E-05 4.44E-04 242. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 0.0
 1.11E-04 8.90E-04 5.16 7.0
 5.16 8.04 10.0
 1000. 1600. 116 .246 -0.01
 WNG-STP-LSC-0917 186330 3.49E-05 8.70E-04 239. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 MO .065 2.00E-08 2.00E-08 7200 3.0
 1.09E-04 1.74E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 116 .240 -0.01
 WNG-STP-LSC-0931 188400 3.41E-05 8.50E-04 236. 5.16 13.0 2.13E-05 4

2.10E-00 .000 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 0.0
 1.07E-04 0.51E-04 5.16 7.0
 5.16 0.04 10.0
 1000. 1000. 116 .235 -0.01
 WMS-S7R-LSC-0345 194500 3.34E-05 0.33E-04 229. 5.16 15.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 3.0
 1.04E-04 1.67E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1000. 116 .229 -0.01
 WMS-S7R-LSC-0450 190720 3.27E-05 4.07E-04 227. 5.16 13.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 0.0
 1.07E-04 0.15E-04 5.16 7.0
 5.16 0.04 10.0
 1000. 1000. 116 .225 -0.01
 WMS-S7R-LSC-0972 202050 3.20E-05 7.09E-04 225. 5.16 15.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 3.0
 1.00E-04 1.60E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1000. 116 .221 -0.01
 WMS-S7R-LSC-0906 207000 3.14E-05 3.31E-04 222. 5.16 13.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 0.0
 9.00E-05 7.03E-04 5.16 7.0
 5.16 0.04 10.0
 1000. 1000. 116 .216 -0.01
 WMS-S7R-LSC-1000 213500 3.04E-05 7.50E-04 220. 5.16 15.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 3.0
 9.49E-05 1.50E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1000. 116 .209 -0.01
 WMS-S7R-LSC-1016 216660 3.00E-05 3.73E-04 217. 5.16 13.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 0.0
 9.37E-05 7.40E-04 5.16 7.0
 5.16 0.04 10.0
 1000. 1000. 116 .206 -0.01
 WMS-S7R-LSC-1020 218040 2.90E-05 7.43E-04 213. 5.16 15.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 3.0
 9.31E-05 1.49E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1000. 116 .255 -0.01
 WMS-S7R-LSC-1042 220000 2.94E-05 3.60E-04 209. 5.16 13.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 0.0
 9.10E-05 7.30E-04 5.16 7.0
 5.16 0.04 10.0
 1000. 1000. 116 .203 -0.01
 WMS-S7R-LSC-1056 223560 2.91E-05 7.25E-04 206. 5.16 15.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 3.0
 9.00E-05 1.45E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1000. 116 .200 -0.01
 WMS-S7R-LSC-1070 227700 2.05E-05 3.55E-04 203. 5.16 13.0 2.13E-05 4
 2.10E-00 .000 .419 0 A
 MD .005 2.00E-00 2.00E-00 7200 0.0
 8.91E-05 7.10E-04 5.16 7.0
 5.16 0.04 10.0
 1000. 1000. 116 .196 -0.01
 WMS-S7R-LSC-1080 230000 2.77E-05 4.01E-04 201. 5.16 15.0 2.13E-05 4

2.10E-09 .462 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 3.6
 0.65E-05 1.30E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 116 .190 -0.01
 WAG-STP-LSC-1000 241500 2.69E-05 3.35E-04 197. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 0.40E-05 6.71E-04 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 116 .105 -0.01
 WAG-STP-LSC-1112 244200 2.64E-05 6.63E-04 194. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 3.0
 0.31E-05 1.33E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 116 .183 -0.01
 WAG-STP-LSC-1170 245400 2.65E-05 3.20E-04 191. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 0.20E-05 6.60E-04 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 116 .102 -0.01
 WAG-STP-LSC-0353 157320 4.13E-05 1.03E-03 393. 5.16 13.0 2.13E-05 3
 2.10E-09 .231 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 15.0
 1.24E-04 2.00E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 4000. 4 .204 -0.00
 WAG-STP-LSC-0360 157320 4.13E-05 5.14E-04 391. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 1.24E-04 1.03E-03 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 4 .204 -0.00
 WAG-STP-LSC-0362 240120 2.71E-05 4.75E-04 370. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 3.0
 0.45E-05 1.35E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 112 .104 -0.00
 WAG-STP-LSC-0397 240120 2.71E-05 3.37E-04 365. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 0.45E-05 3.37E-04 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 112 .106 -0.00
 WAG-STP-LSC-0411 234400 2.77E-05 4.91E-04 353. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 3.0
 0.65E-05 1.30E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 112 .191 -0.00
 WAG-STP-LSC-0426 229000 2.94E-05 3.53E-04 346. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 0.40E-05 3.50E-04 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 112 .195 -0.00
 WAG-STP-LSC-0441 223560 2.91E-05 7.25E-04 346. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .419 D A
 NO .005 2.00E-08 2.00E-08 7200 3.0
 0.60E-05 1.45E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 112 .200 -0.00
 WAG-STP-LSC-0444 218000 2.08E-05 3.71E-04 344. 5.16 13.0 2.13E-05 4

2.10E-09 .000 .019 0 A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 9.31E-05 7.43E-04 5.16 7.0
 5.16 0.94 10.8
 1000. 1000. 112 .205 -0.00
 WMS-S7R-15A-0170 213900 3.04E-05 7.50E-04 302. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .019 0 A
 NO .005 2.00E-08 2.00E-08 7200 3.0
 9.44E-05 1.55E-03 10.2 12.0
 5.16 10.8 15.8
 1000. 1000. 112 .209 -0.00
 WMS-S7R-15A-0045 207800 3.14E-05 3.01E-04 330. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .019 0 A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 9.08E-05 7.03E-04 5.16 7.0
 5.16 0.94 10.8
 1000. 1000. 112 .216 -0.00
 WMS-S7R-15A-0099 204200 3.10E-05 7.03E-04 335. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .019 0 A
 NO .005 2.00E-08 2.00E-08 7200 3.0
 9.44E-05 1.59E-03 10.2 12.0
 5.16 10.8 15.8
 1000. 1000. 112 .219 -0.00
 WMS-S7R-15A-0514 160720 3.27E-05 4.07E-04 331. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .019 0 A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 1.07E-04 0.15E-04 5.16 7.0
 5.16 0.94 10.8
 1000. 1000. 112 .225 -0.00
 WMS-S7R-15A-0520 197300 3.29E-05 0.21E-04 320. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .019 0 A
 NO .005 2.00E-08 2.00E-08 7200 3.0
 1.03E-04 1.04E-03 10.2 12.0
 5.16 10.8 15.8
 1000. 1000. 112 .226 -0.00
 WMS-S7R-15A-0543 193200 3.36E-05 4.19E-04 323. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .019 0 A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 1.05E-04 0.39E-04 5.16 7.0
 5.16 0.94 10.8
 1000. 1000. 112 .232 -0.00
 WMS-S7R-15A-0557 190400 3.41E-05 4.51E-04 310. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .019 0 A
 NO .005 2.00E-08 2.00E-08 7200 3.0
 1.07E-04 1.70E-03 10.2 12.0
 5.16 10.8 15.8
 1000. 1000. 112 .235 -0.00
 WMS-S7R-15A-0572 187600 3.46E-05 4.31E-04 310. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .019 0 A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 1.00E-04 0.63E-04 5.16 7.0
 5.16 0.94 10.8
 1000. 1000. 112 .236 -0.00
 WMS-S7R-15A-0587 184920 3.51E-05 0.76E-04 314. 5.16 15.0 2.13E-05 4
 2.10E-09 .462 .019 0 A
 NO .005 2.00E-08 2.00E-08 7200 3.0
 1.10E-04 1.75E-03 10.2 12.0
 5.16 10.8 15.8
 1000. 1000. 112 .242 -0.00
 WMS-S7R-15A-0601 180700 3.59E-05 4.47E-04 310. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .019 0 A
 NO .005 2.00E-08 2.00E-08 7200 0.0
 1.12E-04 0.90E-04 5.16 7.0
 5.16 0.94 10.8
 1000. 1000. 112 .247 -0.00
 WMS-S7R-15A-0616 174400 3.60E-05 0.17E-04 307. 5.16 15.0 2.13E-05 4

2.10E-09 .000 .019 0 A
 MO .005 2.00E-08 2.00E-08 7200 3.0
 1.15E-04 1.03E-03 10.2 12.0
 5.16 14.0 15.6
 1000. 1600. 112 .253 -8.00
 WNG-SYM-LSA-0724 160000 5.70E-05 6.04E-04 303. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .019 0 A
 MO .005 2.00E-08 2.00E-08 7200 0.0
 1.17E-04 4.32E-04 5.16 7.0
 5.16 8.94 10.8
 1000. 1600. 112 .277 -8.00
 WNG-SYM-LSA-0724 160000 5.70E-05 6.04E-04 300. 5.16 15.6 2.13E-05 4
 2.10E-09 .000 .019 0 A
 MO .005 2.00E-08 2.00E-08 7200 3.0
 1.18E-04 1.07E-03 10.2 12.0
 5.16 14.0 15.6
 1000. 1600. 112 .277 -8.00
 WNG-SYM-LSA-0724 160000 5.70E-05 6.04E-04 297. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .019 0 A
 MO .005 2.00E-08 2.00E-08 7200 0.0
 1.21E-04 9.02E-04 5.16 7.0
 5.16 8.94 10.8
 1000. 1600. 112 .266 -8.00
 WNG-SYM-LSA-0724 160000 3.95E-05 9.70E-04 295. 5.16 15.6 2.13E-05 4
 2.10E-09 .000 .019 0 A
 MO .005 2.00E-08 2.00E-08 7200 3.0
 1.23E-04 1.00E-03 10.2 12.0
 5.16 14.0 15.6
 1000. 1600. 112 .270 -8.00
 WNG-SYM-LSA-0724 160000 3.95E-05 9.92E-04 291. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .019 0 A
 MO .005 2.00E-08 2.00E-08 7200 0.0
 1.24E-04 9.07E-04 5.16 7.0
 5.16 8.94 10.8
 1000. 1600. 112 .277 -8.00
 WNG-SYM-LSA-0724 160000 3.93E-05 9.95E-04 288. 5.16 15.6 2.13E-05 4
 2.10E-09 .000 .019 0 A
 MO .005 2.00E-08 2.00E-08 7200 3.0
 1.25E-04 1.00E-03 10.2 12.0
 5.16 14.0 15.6
 1000. 1600. 112 .275 -8.00
 WNG-SYM-LSA-0724 160000 4.02E-05 5.01E-04 286. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .019 0 A
 MO .005 2.00E-08 2.00E-08 7200 0.0
 1.26E-04 1.00E-03 5.16 7.0
 5.16 8.94 10.8
 1000. 1600. 112 .277 -8.00
 WNG-SYM-LSA-0724 160000 4.04E-05 5.01E-04 283. 5.16 15.6 2.13E-05 4
 2.10E-09 .000 .019 0 A
 MO .005 2.00E-08 2.00E-08 7200 3.0
 1.27E-04 2.02E-03 10.2 12.0
 5.16 14.0 15.6
 1000. 1600. 112 .279 -8.00
 WNG-SYM-LSA-0724 160000 4.09E-05 5.10E-04 279. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .019 0 A
 MO .005 2.00E-08 2.00E-08 7200 0.0
 1.28E-04 1.02E-03 5.16 7.0
 5.16 8.94 10.8
 1000. 1600. 112 .262 -8.00
 WNG-SYM-LSA-0724 160000 4.13E-05 5.03E-04 276. 5.16 15.6 2.13E-05 4
 2.10E-09 .000 .019 0 A
 MO .005 2.00E-08 2.00E-08 7200 3.0
 1.29E-04 2.04E-03 10.2 12.0
 5.16 14.0 15.6
 1000. 1600. 112 .284 -8.00
 WNG-SYM-LSA-0724 160000 4.18E-05 5.04E-04 273. 5.16 13.0 2.13E-05 4

2.10E-04 .000 .019 D A
 NO .065 2.00E-06 2.00E-08 7200 0.0
 1.20E-04 1.03E-03 5.16 7.0
 5.16 0.94 10.8
 1000. 1000. 112 .204 -0.00
 WME-570-15A-0700 150700 4.00E-05 1.02E-03 269. 5.16 15.0 2.13E-05 4
 2.10E-04 .042 .019 D A
 NO .065 2.00E-06 2.00E-08 7200 3.0
 1.20E-04 2.00E-03 10.2 12.0
 5.16 10.0 15.0
 1000. 1000. 112 .204 -0.00
 WME-570-15A-0700 150700 4.00E-05 1.02E-03 269. 5.16 15.0 2.13E-05 4
 2.10E-04 .042 .019 D A
 NO .065 2.00E-06 2.00E-08 7200 0.0
 1.20E-04 1.00E-03 5.16 7.0
 5.16 0.94 10.8
 1000. 1000. 112 .279 -0.00
 WME-570-15A-0807 161600 4.00E-05 1.00E-03 262. 5.16 15.0 2.13E-05 4
 2.10E-04 .042 .019 D A
 NO .065 2.00E-06 2.00E-08 7200 3.0
 1.20E-04 2.00E-03 10.2 12.0
 5.16 10.0 15.0
 1000. 1000. 112 .277 -0.00
 WME-570-15A-0821 162000 3.99E-05 4.07E-04 259. 5.16 13.0 2.13E-05 4
 2.10E-04 .042 .019 D A
 NO .065 2.00E-06 2.00E-08 7200 0.0
 1.20E-04 9.95E-04 10.2 12.0
 5.16 10.0 15.0
 1000. 1000. 112 .275 -0.00
 WME-570-15A-0834 164220 3.99E-05 9.07E-04 257. 5.16 15.0 2.13E-05 4
 2.10E-04 .042 .019 D A
 NO .065 2.00E-06 2.00E-08 7200 0.0
 1.20E-04 1.07E-03 5.16 7.0
 5.16 0.94 10.8
 1000. 1000. 112 .272 -0.00
 WME-570-15A-0840 165000 3.99E-05 4.00E-04 254. 5.16 13.0 2.13E-05 4
 2.10E-04 .042 .019 D A
 NO .065 2.00E-06 2.00E-08 7200 3.0
 1.20E-04 9.95E-04 10.2 12.0
 5.16 10.0 15.0
 1000. 1000. 112 .270 -0.00
 WME-570-15A-0852 169700 3.99E-05 9.55E-04 250. 5.16 15.0 2.13E-05 4
 2.10E-04 .042 .019 D A
 NO .065 2.00E-06 2.00E-08 7200 0.0
 1.20E-04 1.91E-03 5.16 7.0
 5.16 0.94 10.8
 1000. 1000. 112 .264 -0.00
 WME-570-15A-0876 173000 3.74E-05 4.65E-04 246. 5.16 13.0 2.13E-05 4
 2.10E-04 .042 .019 D A
 NO .065 2.00E-06 2.00E-08 7200 3.0
 1.17E-04 9.32E-04 10.2 12.0
 5.16 10.0 15.0
 1000. 1000. 112 .251 -0.00
 WME-570-15A-0890 179020 3.65E-05 9.10E-04 205. 5.16 15.0 2.13E-05 4
 2.10E-04 .042 .019 D A
 NO .065 2.00E-06 2.00E-08 7200 0.0
 1.10E-04 1.00E-03 5.16 7.0
 5.16 0.94 10.8
 1000. 1000. 112 .251 -0.00
 WME-570-15A-0903 182160 3.57E-05 4.44E-04 242. 5.16 13.0 2.13E-05 4
 2.10E-04 .042 .019 D A
 NO .065 2.00E-06 2.00E-08 7200 3.0
 1.11E-04 8.90E-04 10.2 12.0
 5.16 10.0 15.0
 1000. 1000. 112 .244 -0.00
 WME-570-15A-0917 184300 3.40E-05 7.95E-04 230. 5.16 15.0 2.13E-05 4

2.10E-09 .462 .419 0 A
 NO .065 2.00E-08 2.00E-08 7200 6.0
 1.09E-04 1.74E-03 5.16 7.0
 5.16 8.94 10.8
 1000. 1600. 112 .248 -8.80
 WNG-STR-LSA-0931 190440 3.41E-05 4.25E-04 234. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 A
 NO .065 2.00E-08 2.00E-08 7200 3.0
 1.07E-04 8.51E-04 10.2 12.0
 5.16 14.0 15.8
 1000. 1600. 112 .235 -8.80
 WNG-STR-LSA-0945 194540 3.34E-05 4.33E-04 229. 5.16 15.8 2.13E-05 4
 2.10E-09 .462 .419 0 A
 NO .065 2.00E-08 2.00E-08 7200 0.0
 1.04E-04 1.67E-03 5.16 7.0
 7.24 8.94 10.8
 1000. 1600. 112 .224 -8.80
 WNG-STR-LSA-0972 202000 3.20E-05 4.07E-04 227. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 A
 NO .065 2.00E-08 2.00E-08 7200 3.8
 1.07E-04 8.15E-04 10.2 12.0
 5.16 14.0 15.8
 1000. 1600. 112 .225 -8.80
 WNG-STR-LSA-0972 202000 3.20E-05 7.99E-04 225. 5.16 15.8 2.13E-05 4
 2.10E-09 .462 .419 0 A
 NO .065 2.00E-08 2.00E-08 7200 0.0
 1.00E-04 1.60E-03 5.16 7.0
 5.16 8.94 10.8
 1000. 1600. 112 .221 -8.81
 WNG-STR-LSA-0980 207000 3.14E-05 3.81E-04 222. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 A
 NO .065 2.00E-08 2.00E-08 7200 3.8
 9.00E-05 7.83E-04 10.2 12.0
 5.16 14.0 15.8
 1000. 1600. 112 .216 -8.81
 WNG-STR-LSA-1000 213400 3.04E-05 7.58E-04 220. 5.16 15.8 2.13E-05 4
 2.10E-09 .462 .419 0 A
 NO .065 2.00E-08 2.00E-08 7200 0.0
 9.49E-05 1.52E-03 5.16 7.0
 5.16 8.94 10.8
 1000. 1600. 112 .209 -8.01
 WNG-STR-LSA-1014 216600 3.00E-05 3.73E-04 217. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 A
 NO .065 2.00E-08 2.00E-08 7200 3.0
 9.37E-05 7.46E-04 10.2 12.0
 5.16 14.0 15.8
 1000. 1600. 112 .206 -8.01
 WNG-STR-LSA-1024 218640 2.90E-05 7.43E-04 213. 5.16 15.8 2.13E-05 4
 2.10E-09 .462 .419 0 A
 NO .065 2.00E-08 2.00E-08 7200 0.0
 9.31E-05 1.49E-03 5.16 7.0
 5.16 8.94 10.8
 1000. 1600. 112 .205 -8.01
 WNG-STR-LSA-1042 228000 2.94E-05 3.66E-04 209. 5.16 13.0 2.13E-05 4
 2.10E-09 .000 .419 0 A
 NO .065 2.00E-08 2.00E-08 7200 3.8
 9.19E-05 7.34E-04 10.2 12.0
 5.16 14.0 15.8
 1000. 1600. 112 .203 -8.01
 WNG-STR-LSA-1056 223540 2.91E-05 7.25E-04 206. 5.16 15.8 2.13E-05 4
 2.10E-09 .462 .419 0 A
 NO .065 2.00E-08 2.00E-08 7200 0.0
 9.00E-05 1.45E-03 5.16 7.0
 5.16 8.94 10.8
 1000. 1600. 112 .200 -8.01
 WNG-STR-LSA-1070 227700 2.88E-05 3.65E-04 203. 5.16 13.0 2.13E-05 4

2.10E-00 .000 .419 D A
 MO .065 2.00E-00 2.00E-00 7200 3.0
 0.91E-05 7.12E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 112 .196 -0.01
 WME-STP-LSA-1004 234000 2.77E-05 6.91E-04 201. 5.16 15.0 2.13E-05 4
 2.10E-00 .000 .419 D A
 MO .065 2.00E-00 2.00E-00 7200 0.0
 0.65E-05 1.30E-03 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 112 .190 -0.01
 WME-STP-LSA-1004 241500 2.69E-05 3.35E-04 107. 5.16 13.0 2.13E-05 4
 2.10E-00 .000 .419 D A
 MO .065 2.00E-00 2.00E-00 7200 3.0
 0.40E-05 6.71E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 112 .185 -0.01
 WME-STP-LSA-1112 244200 2.60E-05 6.63E-04 194. 5.16 15.0 2.13E-05 4
 2.10E-00 .000 .419 D A
 MO .045 2.00E-00 2.00E-00 7200 0.0
 0.31E-05 1.13E-03 5.16 7.0
 5.16 0.94 10.0
 1000. 1600. 112 .183 -0.01
 WME-STP-LSA-1126 245600 2.65E-05 3.29E-04 101. 5.16 13.0 2.13E-05 4
 2.10E-00 .000 .419 D A
 MO .065 2.00E-00 2.00E-00 7200 3.0
 0.24E-05 6.60E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 1600. 108 .182 -0.01
 WME-SPP-FMD-0294 234000 1.20E-05 5.10E-04 442. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C C
 MO .053 1.46E-00 2.00E-00 6900 15.0
 1.03E-04 1.04E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 4000. 120 .040 -0.00
 WME-SPP-FMD-0319 910000 1.30E-05 5.33E-04 420. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.46E-00 2.00E-00 6900 3.7
 1.00E-04 1.07E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 120 .049 -0.00
 WME-SPP-FMD-0324 003200 1.34E-05 5.50E-04 416. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.46E-00 2.00E-00 6900 3.7
 1.00E-04 1.10E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .051 -0.00
 WME-SPP-FMD-0330 055000 1.30E-05 5.60E-04 405. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.46E-00 2.00E-00 6900 3.7
 1.12E-04 1.14E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .052 -0.00
 WME-SPP-FMD-0353 020000 1.43E-05 5.07E-04 393. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.46E-00 2.00E-00 6900 3.7
 1.10E-04 1.17E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .054 -0.00
 WME-SPP-FMD-0360 000000 1.40E-05 6.07E-04 301. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.46E-00 2.00E-00 6900 3.7
 1.20E-04 1.21E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .056 -0.00
 WME-SPP-FMD-0367 070000 1.34E-05 5.20E-04 270. 5.00 19.2 2.13E-05 3

5.90E-10 .454 .025 C A
 MO .053 1.40E-08 2.00E-08 6900 3.7
 1.25E-04 1.20E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .050 -8.00
 WNG-SPR-FWD-0307 745200 1.59E-05 6.52E-04 365. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 MO .053 1.40E-08 2.00E-08 6900 3.7
 1.20E-04 1.30E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .050 -8.00
 WNG-SPR-FWD-0311 717000 1.65E-05 6.77E-04 353. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 MO .053 1.40E-08 2.00E-08 6900 3.7
 1.34E-04 1.35E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .062 -8.00
 WNG-SPR-FWD-0426 640000 1.71E-05 7.04E-04 344. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 MO .053 1.40E-08 2.00E-08 6900 3.7
 1.30E-04 1.41E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .064 -8.00
 WNG-SPR-FWD-0431 662400 1.70E-05 7.33E-04 346. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 MO .053 1.40E-08 2.00E-08 6900 3.7
 1.40E-04 1.47E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .064 -8.00
 WNG-SPR-FWD-0456 634400 1.86E-05 7.65E-04 344. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 MO .053 1.40E-08 2.00E-08 6900 3.7
 1.52E-04 1.53E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .070 -8.00
 WNG-SPR-FWD-0510 627200 1.95E-05 8.00E-04 342. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 MO .053 1.40E-08 2.00E-08 6900 3.7
 1.50E-04 1.60E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .074 -8.00
 WNG-SPR-FWD-0545 629200 1.80E-05 7.72E-04 330. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 MO .053 1.40E-08 2.00E-08 6900 3.7
 1.53E-04 1.54E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .071 -8.00
 WNG-SPR-FWD-0599 651300 1.91E-05 7.40E-04 335. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 MO .053 1.40E-08 2.00E-08 6900 3.7
 1.40E-04 1.49E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .069 -8.00
 WNG-SPR-FWD-0514 673400 1.75E-05 7.21E-04 331. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 MO .053 1.40E-08 2.00E-08 6900 3.7
 1.43E-04 1.44E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .066 -8.00
 WNG-SPR-FWD-0520 645520 1.70E-05 6.90E-04 320. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 MO .053 1.40E-08 2.00E-08 6900 3.7
 1.30E-04 1.40E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .064 -8.00
 WNG-SPR-FWD-0523 617400 1.45E-05 4.77E-04 322 5.00 19.2 2.13E-05 3

6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.06E-08 6900 3.7
 1.34E-04 1.35E-03 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .062 -0.00
 WNG-SPP-FMD-0537 739400 1.60E-05 6.57E-04 310. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.06E-08 6900 3.7
 1.30E-04 1.31E-03 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .060 -0.00
 WNG-SPP-FMD-0572 751760 1.55E-05 6.38E-04 316. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.06E-08 6900 3.7
 1.24E-04 1.24E-03 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .059 -0.00
 WNG-SPP-FMD-0577 783040 1.51E-05 6.20E-04 314. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.06E-08 6900 3.7
 1.27E-04 1.24E-03 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .057 -0.00
 WNG-SPP-FMD-0601 794840 1.49E-05 6.11E-04 310. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.06E-08 6900 3.7
 1.21E-04 1.24E-03 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .056 -0.00
 WNG-SPP-FMD-0614 816460 1.45E-05 5.95E-04 307. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.06E-08 6900 3.7
 1.18E-04 1.19E-03 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .055 -0.00
 WNG-SPP-FMD-0628 839040 1.41E-05 5.79E-04 303. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.06E-08 6900 3.7
 1.15E-04 1.16E-03 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .053 -0.00
 WNG-SPP-FMD-0642 860120 1.37E-05 5.64E-04 300. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.06E-08 6900 3.7
 1.12E-04 1.13E-03 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .052 -0.00
 WNG-SPP-FMD-0656 883200 1.34E-05 5.50E-04 297. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.06E-08 6900 3.7
 1.09E-04 1.10E-03 13.8 15.5
 5.00 17.5 19.2
 1000. 1600. 120 .051 -0.00
 WNG-SPP-FMD-0669 905200 1.30E-05 5.37E-04 295. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.06E-08 6900 3.7
 1.06E-04 1.07E-03 13.8 15.5
 5.00 17.5 19.2
 1000. 1600. 120 .049 -0.00
 WNG-SPP-FMD-0683 927300 1.27E-05 5.24E-04 291. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.06E-08 6900 3.7
 1.04E-04 1.05E-03 13.8 15.5
 5.00 17.5 19.2
 1000. 1600. 120 .048 -0.00
 WNG-SPP-FMD-0697 949400 1.24E-05 5.12E-04 288. 5.00 19.2 2.13E-05 3

6.90E-10 .454 .825 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 1.01E-04 1.04E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .042 -0.00
 WME-SPO-FMO-071C 971520 1.27E-05 5.00E-04 266. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.91E-05 1.00E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .046 -0.00
 WME-SPO-FMO-071A 993600 1.19E-05 4.84E-04 263. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.99E-05 9.70E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .044 -0.00
 WME-SPO-FMO-071B 999999 1.16E-05 4.70E-04 270. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.40E-05 9.57E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .044 -0.00
 WME-SPO-FMO-0752 999999 1.16E-05 4.70E-04 276. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.40E-05 9.57E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .043 -0.00
 WME-SPO-FMO-076A 999999 1.16E-05 4.70E-04 272. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.40E-05 9.57E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .042 -0.00
 WME-SPO-FMO-076B 999999 1.16E-05 4.70E-04 269. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.40E-05 9.57E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .042 -0.00
 WME-SPO-FMO-076C 999999 1.16E-05 4.70E-04 265. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.40E-05 9.57E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .039 -0.00
 WME-SPO-FMO-0807 999999 1.16E-05 4.70E-04 262. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.40E-05 9.57E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .033 -0.00
 WME-SPO-FMO-0821 999999 1.16E-05 4.70E-04 259. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.40E-05 9.57E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .030 -0.00
 WME-SPO-FMO-083A 999999 1.16E-05 4.70E-04 253. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.40E-05 9.57E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .027 -0.00
 WME-SPO-FMO-084B 000000 1.16E-05 4.70E-04 247. 5.00 19.2 2.13E-05 3

[illegible]

6.04E-10 .454 .425 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.44E-05 9.57E-04 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .022 -8.40
 WAG-SPR-FD-1014 999999 1.16E-05 4.70E-04 217. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .425 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.44E-05 9.57E-04 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .022 -8.40
 WAG-SPR-FD-1024 999999 1.16E-05 4.70E-04 213. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .425 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.44E-05 9.57E-04 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .022 -8.40
 WAG-SPR-FD-1042 999999 1.16E-05 4.70E-04 209. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .425 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.44E-05 9.57E-04 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .022 -8.40
 WAG-SPR-FD-1056 999999 1.16E-05 4.70E-04 206. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .425 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.44E-05 9.57E-04 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .022 -8.40
 WAG-SPR-FD-1070 999999 1.16E-05 4.70E-04 203. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .425 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.44E-05 9.57E-04 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .022 -8.40
 WAG-SPR-FD-1084 999999 1.16E-05 4.70E-04 201. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .425 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.44E-05 9.57E-04 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .022 -8.40
 WAG-SPR-FD-1104 999999 1.16E-05 4.70E-04 197. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .425 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.44E-05 9.57E-04 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .022 -8.40
 WAG-SPR-FD-1112 999999 1.16E-05 4.70E-04 194. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .425 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.44E-05 9.57E-04 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .022 -8.40
 WAG-SPR-FD-1126 999999 1.16E-05 4.70E-04 191. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .425 C A
 MO .053 1.46E-08 2.00E-08 6900 3.7
 9.44E-05 9.57E-04 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 120 .022 -8.40
 WAG-SPR-FD-1142 999999 1.16E-05 4.70E-04 186. 5.00 19.2 2.13E-05 4
 6.94E-10 .454 .425 C A
 MO .053 1.46E-08 2.00E-08 6900 3.9
 9.44E-05 1.35E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .106 -8.80
 WAG-SPR-FD-1156 999999 1.16E-05 4.70E-04 182. 5.00 19.2 2.13E-05 4

6.04E-10	.454	.025	D	A
40	.053	1.46E-08	2.04E-08	6900
8.45E-05	1.35E-03	10.2	12.0	
5.29	14.1	15.8		
1000	3200	116	106	-8.00
40E-500	CEM-0353	240120	2.71E-05	6.75E-04
393	5.29	15.9	2.13E-05	4
6.04E-10	.454	.025	D	A
40	.053	1.46E-08	2.04E-08	6900
8.45E-05	1.35E-03	10.2	12.0	
5.29	14.1	15.8		
1000	3200	116	106	-8.00
40E-500	CEM-0353	240120	2.71E-05	6.75E-04
393	5.29	15.9	2.13E-05	4
6.04E-10	.454	.025	D	A
40	.053	1.46E-08	2.04E-08	6900
8.45E-05	1.35E-03	10.2	12.0	
5.29	14.1	15.8		
1000	3200	116	106	-8.00
40E-500	CEM-0353	240120	2.71E-05	6.75E-04
393	5.29	15.9	2.13E-05	4
6.04E-10	.454	.025	D	A
40	.053	1.46E-08	2.04E-08	6900
8.45E-05	1.35E-03	10.2	12.0	
5.29	14.1	15.8		
1000	3200	116	106	-8.00
40E-500	CEM-0353	240120	2.71E-05	6.75E-04
393	5.29	15.9	2.13E-05	4
6.04E-10	.454	.025	D	A
40	.053	1.46E-08	2.04E-08	6900
8.45E-05	1.35E-03	10.2	12.0	
5.29	14.1	15.8		
1000	3200	116	106	-8.00
40E-500	CEM-0353	240120	2.71E-05	6.75E-04
393	5.29	15.9	2.13E-05	4
6.04E-10	.454	.025	D	A
40	.053	1.46E-08	2.04E-08	6900
8.45E-05	1.35E-03	10.2	12.0	
5.29	14.1	15.8		
1000	3200	116	106	-8.00
40E-500	CEM-0353	240120	2.71E-05	6.75E-04
393	5.29	15.9	2.13E-05	4
6.04E-10	.454	.025	D	A
40	.053	1.46E-08	2.04E-08	6900
8.45E-05	1.35E-03	10.2	12.0	
5.29	14.1	15.8		
1000	3200	116	106	-8.00
40E-500	CEM-0353	240120	2.71E-05	6.75E-04
393	5.29	15.9	2.13E-05	4
6.04E-10	.454	.025	D	A
40	.053	1.46E-08	2.04E-08	6900
8.45E-05	1.35E-03	10.2	12.0	
5.29	14.1	15.8		
1000	3200	116	106	-8.00
40E-500	CEM-0353	240120	2.71E-05	6.75E-04
393	5.29	15.9	2.13E-05	4
6.04E-10	.454	.025	D	A
40	.053	1.46E-08	2.04E-08	6900
8.45E-05	1.35E-03	10.2	12.0	
5.29	14.1	15.8		
1000	3200	116	106	-8.00
40E-500	CEM-0353	240120	2.71E-05	6.75E-04
393	5.29	15.9	2.13E-05	4
6.04E-10	.454	.025	D	A
40	.053	1.46E-08	2.04E-08	6900
8.45E-05	1.35E-03	10.2	12.0	
5.29	14.1	15.8		
1000	3200	116	106	-8.00
40E-500	CEM-0353	240120	2.71E-05	6.75E-04
393	5.29	15.9	2.13E-05	4
6.04E-10	.454	.025	D	

6.94E-10 .454 .825 D A
 NO .053 1.46E-08 2.08E-08 6900 3.9
 6.94E-05 1.59E-03 10.2 12.0
 5.29 14.1 15.0
 1000. 3200. 116 .219 -8.00
 WMS-SPR-CEM-0514 198720 3.27E-05 8.15E-04 331. 5.29 15.9 2.13E-05 +
 6.94E-10 .454 .825 D A
 NO .053 1.46E-08 2.08E-08 6900 3.9
 1.07E-04 1.63E-03 10.2 12.0
 5.29 14.1 15.0
 1000. 3200. 116 .225 -8.00
 WMS-SPR-CEM-0524 197340 3.29E-05 8.21E-04 304. 5.29 15.9 2.13E-05 +
 6.94E-10 .454 .825 D A
 NO .053 1.46E-08 2.08E-08 6900 3.9
 1.03E-04 1.64E-03 10.2 12.0
 5.29 14.1 15.0
 1000. 3200. 116 .227 -8.00
 WMS-SPR-CEM-0543 193200 3.36E-05 8.39E-04 323. 5.29 15.9 2.13E-05 +
 6.94E-10 .454 .825 D A
 NO .053 1.46E-08 2.08E-08 6900 3.9
 1.05E-04 1.66E-03 10.2 12.0
 5.29 14.1 15.0
 1000. 3200. 116 .232 -8.00
 WMS-SPR-CEM-0557 190440 3.41E-05 8.51E-04 318. 5.29 15.9 2.13E-05 +
 6.94E-10 .454 .825 D A
 NO .053 1.46E-08 2.08E-08 6900 3.9
 1.07E-04 1.70E-03 10.2 12.0
 5.29 14.1 15.0
 1000. 3200. 116 .235 -8.00
 WMS-SPR-CEM-0572 187800 3.46E-05 8.63E-04 316. 5.29 15.9 2.13E-05 +
 6.94E-10 .454 .825 D A
 NO .053 1.46E-08 2.08E-08 6900 3.9
 1.08E-04 1.72E-03 10.2 12.0
 5.29 14.1 15.0
 1000. 3200. 116 .236 -8.00
 WMS-SPR-CEM-0587 184920 3.51E-05 8.76E-04 314. 5.29 15.9 2.13E-05 +
 6.94E-10 .454 .825 D A
 NO .053 1.46E-08 2.08E-08 6900 3.9
 1.10E-04 1.75E-03 10.2 12.0
 5.29 14.1 15.0
 1000. 3200. 116 .242 -8.00
 WMS-SPR-CEM-0601 180700 3.59E-05 8.96E-04 310. 5.29 15.9 2.13E-05 +
 6.94E-10 .454 .825 D A
 NO .053 1.46E-08 2.08E-08 6900 3.9
 1.12E-04 1.79E-03 10.2 12.0
 5.29 14.1 15.0
 1000. 3200. 116 .247 -8.00
 WMS-SPR-CEM-0614 176440 3.69E-05 9.17E-04 307. 5.29 15.9 2.13E-05 +
 6.94E-10 .454 .825 D A
 NO .053 1.46E-08 2.08E-08 6900 3.9
 1.15E-04 1.82E-03 10.2 12.0
 5.29 14.1 15.0
 1000. 3200. 116 .253 -8.00
 WMS-SPR-CEM-0620 173000 3.74E-05 9.32E-04 303. 5.29 15.9 2.13E-05 +
 6.94E-10 .454 .825 D A
 NO .053 1.46E-08 2.08E-08 6900 3.9
 1.17E-04 1.86E-03 10.2 12.0
 5.29 14.1 15.0
 1000. 3200. 116 .257 -8.00
 WMS-SPR-CEM-0642 171120 3.80E-05 9.47E-04 300. 5.29 15.9 2.13E-05 +
 6.94E-10 .454 .825 D A
 NO .053 1.46E-08 2.08E-08 6900 3.9
 1.19E-04 1.90E-03 10.2 12.0
 5.29 14.1 15.0
 1000. 3200. 116 .261 -8.00
 WMS-SPR-CEM-0654 168340 3.84E-05 9.57E-04 297. 5.29 15.9 2.13E-05 +

6.99E-18 .454 .825 D A
 MD .053 1.44E-08 2.00E-08 6900 3.9
 1.21E-04 1.97E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .263 -0.00
 WMS-S90-CEM-0760 165400 3.92E-05 9.70E-04 295. 5.29 15.9 2.13E-05 4
 6.99E-18 .454 .825 D A
 MD .053 1.44E-08 2.00E-08 6900 3.9
 1.21E-04 1.97E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .276 -0.00
 WMS-S90-CEM-0763 164420 3.94E-05 9.87E-04 291. 5.29 15.9 2.13E-05 4
 6.99E-18 .454 .825 D A
 MD .053 1.44E-08 2.00E-08 6900 3.9
 1.21E-04 1.97E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .272 -0.00
 WMS-S90-CEM-0767 162000 3.94E-05 9.94E-04 288. 5.29 15.9 2.13E-05 4
 6.99E-18 .454 .825 D A
 MD .053 1.44E-08 2.00E-08 6900 3.9
 1.21E-04 1.97E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .275 -0.00
 WMS-S90-CEM-0770 161400 4.02E-05 1.00E-03 286. 5.29 15.9 2.13E-05 4
 6.99E-18 .454 .825 D A
 MD .053 1.44E-08 2.00E-08 6900 3.9
 1.21E-04 1.97E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .277 -0.00
 WMS-S90-CEM-0772 160000 4.04E-05 1.01E-03 283. 5.29 15.9 2.13E-05 4
 6.99E-18 .454 .825 D A
 MD .053 1.44E-08 2.00E-08 6900 3.9
 1.21E-04 1.97E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .274 -0.00
 WMS-S90-CEM-0776 157700 4.09E-05 1.02E-03 279. 5.29 15.9 2.13E-05 4
 6.99E-18 .454 .825 D A
 MD .053 1.44E-08 2.00E-08 6900 3.9
 1.21E-04 1.97E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .282 -0.00
 WMS-S90-CEM-0782 157320 4.13E-05 1.03E-03 276. 5.29 15.9 2.13E-05 4
 6.99E-18 .454 .825 D A
 MD .053 1.44E-08 2.00E-08 6900 3.9
 1.21E-04 1.97E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .280 -0.00
 WMS-S90-CEM-0786 157320 4.13E-05 1.03E-03 272. 5.29 15.9 2.13E-05 4
 6.99E-18 .454 .825 D A
 MD .053 1.44E-08 2.00E-08 6900 3.9
 1.21E-04 1.97E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .284 -0.00
 WMS-S90-CEM-0790 157000 4.09E-05 1.02E-03 269. 5.29 15.9 2.13E-05 4
 6.99E-18 .454 .825 D A
 MD .053 1.44E-08 2.00E-08 6900 3.9
 1.21E-04 1.97E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .282 -0.00
 WMS-S90-CEM-0794 160000 4.06E-05 1.01E-03 265. 5.29 15.9 2.13E-05 4
 6.99E-18 .454 .825 D A
 MD .053 1.44E-08 2.00E-08 6900 3.9
 1.21E-04 1.97E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .279 -0.00
 WMS-S90-CEM-0807 161400 4.07E-05 1.02E-03 263. 5.29 15.9 2.13E-05 4

4.90E-10 .454 .825 D A
MO .053 1.46E-08 2.00E-08 6900 3.9
1.26E-03 2.01E-03 10.2 12.0
5.29 14.1 15.8
1000. 3200. 116 .277 -0.80
WAG-SPP-CEN-0421 162800 3.99E-05 9.95E-04 254. 5.29 15.9 2.13E-05 4
4.90E-10 .454 .825 D A
MO .053 1.46E-08 2.00E-08 6900 3.9
1.25E-04 1.99E-03 10.2 12.0
5.29 14.1 15.8
1000. 3200. 116 .275 -0.80
WAG-SPP-CEN-0423 164220 3.96E-05 9.87E-04 254. 5.29 15.9 2.13E-05 4
4.90E-10 .454 .825 D A
MO .053 1.46E-08 2.00E-08 6900 3.9
1.26E-04 1.97E-03 10.2 12.0
5.29 14.1 15.8
1000. 3200. 116 .272 -0.80
WAG-SPP-CEN-0424 165400 3.92E-05 9.70E-04 254. 5.29 15.9 2.13E-05 4
4.90E-10 .454 .825 D A
MO .053 1.46E-08 2.00E-08 6900 3.9
1.23E-04 1.98E-03 10.2 12.0
5.29 14.1 15.8
1000. 3200. 116 .270 -0.80
WAG-SPP-CEN-0427 16740 3.83E-05 9.55E-04 250. 5.29 15.9 2.13E-05 4
4.90E-10 .454 .825 D A
MO .053 1.46E-08 2.00E-08 6900 3.9
1.28E-04 1.91E-03 10.2 12.0
5.29 14.1 15.8
1000. 1600. 116 .264 -0.80
WAG-SPP-CEN-0476 173920 3.74E-05 9.32E-04 244. 5.29 15.9 2.13E-05 4
4.90E-10 .454 .825 D A
MO .053 1.46E-08 2.00E-08 6900 3.9
1.17E-04 1.80E-03 10.2 12.0
5.29 14.1 15.8
1000. 1600. 116 .257 -0.80
WAG-SPP-CEN-0470 178020 3.65E-05 9.10E-04 244. 5.29 15.9 2.13E-05 4
4.90E-10 .454 .825 D A
MO .053 1.46E-08 2.00E-08 6900 3.9
1.14E-04 1.82E-03 10.2 12.0
5.29 14.1 15.8
1000. 3200. 116 .251 -0.80
WAG-SPP-CEN-0403 182160 3.57E-05 8.90E-04 242. 5.29 15.9 2.13E-05 4
4.90E-10 .454 .825 D A
MO .053 1.46E-08 2.00E-08 6900 3.9
1.11E-04 1.78E-03 10.2 12.0
5.29 14.1 15.8
1000. 3200. 116 .244 -0.80
WAG-SPP-CEN-0417 186300 3.49E-05 8.70E-04 239. 5.29 15.9 2.13E-05 4
4.90E-10 .454 .825 D A
MO .053 1.46E-08 2.00E-08 6900 3.9
1.09E-04 1.76E-03 10.2 12.0
5.29 14.1 15.8
1000. 3200. 116 .240 -0.80
WAG-SPP-CEN-0421 190440 3.41E-05 8.51E-04 234. 5.29 15.9 2.13E-05 4
4.90E-10 .454 .825 D A
MO .053 1.46E-08 2.00E-08 6900 3.9
1.07E-04 1.74E-03 10.2 12.0
5.29 14.1 15.8
1000. 3200. 116 .235 -0.80
WAG-SPP-CEN-0425 194580 3.34E-05 8.33E-04 229. 5.29 15.9 2.13E-05 4
4.90E-10 .454 .825 D A
MO .053 1.46E-08 2.00E-08 6900 3.9
1.04E-04 1.67E-03 10.2 12.0
5.29 14.1 15.8
1000. 3200. 116 .230 -0.80
WAG-SPP-CEN-0429 198720 3.27E-05 8.15E-04 224. 5.29 15.9 2.13E-05 4

6.98E-10 .454 .825 D A
 NO .053 1.44E-08 2.00E-00 6900 3.9
 1.02E-04 1.63E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .225 -0.00
 WMS-594-CEM-1872 202400 3.20E-05 7.99E-04 225. 5.29 15.9 2.13E-05 4
 6.98E-10 .454 .825 D A
 NO .053 1.44E-08 2.00E-00 6900 3.9
 1.04E-04 1.44E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .221 -0.00
 WMS-594-CEM-1874 207000 3.14E-05 7.93E-04 222. 5.29 15.9 2.13E-05 4
 6.98E-10 .454 .825 D A
 NO .053 1.44E-08 2.00E-00 6900 4.9
 9.00E-05 1.57E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .216 -0.00
 WMS-594-CEM-1880 213900 3.04E-05 7.50E-04 220. 5.29 15.9 2.13E-05 4
 6.98E-10 .454 .825 D A
 NO .053 1.44E-08 2.00E-00 6900 3.9
 9.44E-05 1.54E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .209 -0.00
 WMS-594-CEM-1881 216400 3.00E-05 7.40E-04 217. 5.29 15.9 2.13E-05 4
 6.98E-10 .454 .825 D A
 NO .053 1.44E-08 2.00E-00 6900 3.9
 9.37E-05 1.50E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .200 -0.00
 WMS-594-CEM-1882 220000 2.94E-05 7.34E-04 204. 5.29 15.9 2.13E-05 4
 6.98E-10 .454 .825 D A
 NO .053 1.44E-08 2.00E-00 6900 3.9
 9.19E-05 1.47E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .203 -0.00
 WMS-594-CEM-1884 223500 2.91E-05 7.25E-04 200. 5.29 15.9 2.13E-05 4
 6.98E-10 .454 .825 D A
 NO .053 1.44E-08 2.00E-00 6900 3.9
 9.00E-05 1.42E-03 10.2 21.0
 5.29 14.1 15.8
 1000. 3200. 116 .200 -0.00
 WMS-594-CEM-1870 227700 2.85E-05 7.12E-04 203. 5.29 15.9 2.13E-05 4
 6.98E-10 .454 .825 D A
 NO .053 1.44E-08 2.00E-00 6900 3.9
 9.91E-05 1.42E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .198 -0.00
 WMS-594-CEM-1894 230400 2.77E-05 6.91E-04 201. 5.29 15.9 2.13E-05 4
 6.98E-10 .454 .825 D A
 NO .053 1.44E-08 2.00E-00 6900 3.9
 8.65E-05 1.30E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .191 -0.00
 WMS-594-CEM-1898 241500 2.69E-05 6.71E-04 197. 5.29 15.9 2.13E-05 4
 6.98E-10 .454 .825 D A
 NO .053 1.44E-08 2.00E-00 6900 3.9
 9.44E-05 1.34E-03 10.2 12.0
 5.29 14.1 15.8
 1000. 3200. 116 .185 -0.00
 WMS-594-CEM-1899 244000 2.64E-05 6.54E-04 194. 5.29 15.9 2.13E-05 4

6.94E-10 .454 .825 D A
 NO .053 1.44E-08 2.00E-08 6900 3.9
 9.31E-05 1.33E-03 10.2 12.0
 5.29 14.1 15.0
 1000. 3200. 116 .103 -0.00
 WAG-S94-AFT-0411 245040 2.65E-05 0.00E-00 191. 5.29 15.9 2.13E-05 4
 6.94E-10 .454 .825 D A
 NO .053 1.44E-08 2.00E-08 6900 3.9
 9.31E-05 1.33E-03 10.2 12.0
 5.29 14.1 15.0
 1000. 3200. 116 .102 -0.00
 WAG-S94-AFT-0411 157320 7.51E-05 3.04E-03 393. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 YES .053 1.44E-08 2.00E-08 6900 15.0
 6.17E-04 6.10E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 4 .264 -0.00
 WAG-S94-AFT-0411 157320 7.51E-05 3.04E-03 391. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 6.17E-04 6.10E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 4 .264 -0.00
 WAG-S94-AFT-0411 300400 3.06E-05 1.26E-03 378. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 YES .053 1.44E-08 2.00E-08 6900 3.7
 2.44E-04 2.51E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .116 -0.00
 WAG-S94-AFT-0411 317E-05 1.30E-03 365. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 2.54E-04 2.61E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .120 -0.00
 WAG-S94-AFT-0411 350000 3.20E-05 1.35E-03 350. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 YES .053 1.44E-08 2.00E-08 6900 3.7
 2.64E-04 2.71E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .125 -0.00
 WAG-S94-AFT-0420 345000 3.42E-05 1.41E-03 349. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 2.74E-04 2.82E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .130 -0.00
 WAG-S94-AFT-0441 331200 3.57E-05 1.47E-03 346. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 2.91E-04 2.93E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .135 -0.00
 WAG-S94-AFT-0450 317400 3.72E-05 1.53E-03 344. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 3.03E-04 3.06E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .141 -0.00
 WAG-S94-AFT-0470 303600 3.89E-05 1.60E-03 342. 5.00 19.2 2.13E-05 3
 6.94E-10 .454 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 3.17E-04 3.20E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 112 .147 -0.00
 WAG-S94-AFT-0480 314400 3.75E-05 1.54E-03 339. 5.00 19.2 2.13E-05 3

6.90E-10 .450 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 3.06E-04 3.09E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 112 .112 -0.00
 WMS-SP4-AFT-0490 3.25000 3.63E-05 1.44E-03 335. 5.00 19.2 2.13E-05 3
 6.90E-10 .450 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 2.96E-04 2.90E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .112 -0.00
 WMS-SP4-AFT-0514 3.36720 3.51E-05 1.44E-03 331. 5.00 19.2 2.13E-05 3
 6.90E-10 .450 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 2.04E-04 2.04E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .112 -0.00
 WMS-SP4-AFT-0520 3.47760 3.40E-05 1.44E-03 324. 5.00 19.2 2.13E-05 3
 6.90E-10 .450 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 2.74E-04 2.79E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .129 -0.00
 WMS-SP4-AFT-0543 3.54000 3.29E-05 1.35E-03 323. 5.00 19.2 2.13E-05 3
 6.90E-10 .450 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 2.40E-04 2.71E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .125 -0.00
 WMS-SP4-AFT-0557 3.60000 3.19E-05 1.31E-03 318. 5.00 19.2 2.13E-05 3
 6.90E-10 .450 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 2.40E-04 2.43E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 112 .121 -0.00
 WMS-SP4-AFT-0572 3.80000 3.10E-05 1.20E-03 316. 5.00 19.2 2.13E-05 3
 6.90E-10 .450 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 2.53E-04 2.52E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 112 .117 -0.00
 WMS-SP4-AFT-0587 3.91000 3.01E-05 1.24E-03 314. 5.00 19.2 2.13E-05 3
 6.90E-10 .450 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 2.44E-04 2.44E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 112 .114 -0.00
 WMS-SP4-AFT-0601 3.97000 2.97E-05 1.22E-03 310. 5.00 19.2 2.13E-05 3
 6.90E-10 .450 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 2.42E-04 2.44E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 112 .113 -0.00
 WMS-SP4-AFT-0616 4.00000 2.89E-05 1.19E-03 307. 5.00 19.2 2.13E-05 3
 6.90E-10 .450 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 2.34E-04 2.30E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 112 .110 -0.00
 WMS-SP4-AFT-0620 4.19000 2.82E-05 1.16E-03 303. 5.00 19.2 2.13E-05 3
 6.90E-10 .450 .825 C A
 NO .053 1.44E-08 2.00E-08 6900 3.7
 2.29E-04 2.32E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 112 .107 -0.00
 WMS-SP4-AFT-0640 4.24000 2.84E-05 1.13E-03 290. 5.00 19.2 2.13E-05 3

6.90E-10 .454 .825 C A
 MO .053 1.44E-08 2.00E-08 6900 3.7
 2.24E-04 2.20E-03 13.8 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .094 -0.80
 WAG-SPO-AFT-0756 441000 2.61E-05 1.10E-03 297. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.44E-08 2.00E-08 6900 3.7
 2.14E-04 2.20E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 112 .101 -0.80
 WAG-SPO-AFT-0752 519000 2.61E-05 1.07E-03 295. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.44E-08 2.00E-08 6900 3.7
 2.13E-04 2.13E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .099 -0.80
 WAG-SPO-AFT-0753 403000 2.55E-05 1.05E-03 291. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.44E-08 2.00E-08 6900 3.7
 2.04E-04 2.10E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .096 -0.80
 WAG-SPO-AFT-0757 474720 2.49E-05 1.02E-03 286. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.44E-08 2.00E-08 6900 3.7
 2.03E-04 2.05E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .094 -0.80
 WAG-SPO-AFT-0754 444000 2.30E-05 9.70E-04 263. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.44E-08 2.00E-08 6900 3.7
 1.94E-04 1.94E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .092 -0.80
 WAG-SPO-AFT-0754 444000 2.30E-05 9.70E-04 263. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.44E-08 2.00E-08 6900 3.7
 1.94E-04 1.94E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .088 -0.80
 WAG-SPO-AFT-0752 519000 2.20E-05 9.30E-04 276. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.44E-08 2.00E-08 6900 3.7
 1.85E-04 1.87E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .086 -0.80
 WAG-SPO-AFT-0760 529920 2.23E-05 9.17E-04 272. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.44E-08 2.00E-08 6900 3.7
 1.82E-04 1.83E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .084 -0.80
 WAG-SPO-AFT-0760 530200 2.19E-05 9.03E-04 269. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .825 C A
 MO .053 1.44E-08 2.00E-08 6900 3.7
 1.74E-04 1.81E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 112 .083 -0.80
 WAG-SPO-AFT-0760 547000 1.95E-05 8.85E-04 254. 5.00 19.2 2.13E-05 3

6.90E-10 .454 .025 C A
 NO .053 1.44E-00 2.00E-00 6900 3.7
 1.50E-04 1.40E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .074 -0.00
 W06-SM-AFT-0007 676200 1.75E-05 7.10E-04 262. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 NO .053 1.44E-00 2.00E-00 6900 3.7
 1.42E-04 1.44E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .066 -0.00
 W06-SM-AFT-0007 745200 1.54E-05 6.54E-04 259. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 NO .053 1.44E-00 2.00E-00 6900 3.7
 1.29E-04 1.30E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .068 -0.00
 W06-SM-AFT-0034 814200 1.45E-05 5.97E-04 257. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 NO .053 1.44E-00 2.00E-00 6900 3.7
 1.10E-04 1.19E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .055 -0.00
 W06-SM-AFT-0046 803200 1.34E-05 5.50E-04 254. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 NO .053 1.44E-00 2.00E-00 6900 3.7
 1.09E-04 1.10E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .051 -0.00
 W06-SM-AFT-0042 932200 1.24E-05 5.10E-04 250. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 NO .053 1.44E-00 2.00E-00 6900 3.7
 1.01E-04 1.02E-03 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .045 -0.00
 W06-SM-AFT-0076 999999 1.10E-05 4.80E-04 248. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 NO .053 1.44E-00 2.00E-00 6900 3.7
 9.47E-05 9.72E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .045 -0.00
 W06-SM-AFT-0099 999999 1.10E-05 4.80E-04 245. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 NO .053 1.44E-00 2.00E-00 6900 3.7
 9.47E-05 9.72E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .045 -0.00
 W06-SM-AFT-0093 999999 1.10E-05 4.80E-04 242. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 NO .053 1.44E-00 2.00E-00 6900 3.7
 9.47E-05 9.72E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 112 .045 -0.00
 W06-SM-AFT-0017 999999 1.10E-05 4.80E-04 239. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 NO .053 1.44E-00 2.00E-00 6900 3.7
 9.47E-05 9.72E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 1600. 112 .045 -0.00
 W06-SM-AFT-0031 999999 1.10E-05 4.80E-04 234. 5.00 19.2 2.13E-05 3
 6.90E-10 .454 .025 C A
 NO .053 1.44E-00 2.00E-00 6900 3.7
 9.47E-05 9.72E-04 13.0 15.5
 5.00 17.5 19.2
 1000. 3200. 112 .045 -0.00
 W06-SM-AFT-0046 803200 1.34E-05 5.50E-04 254. 5.00 19.2 2.13E-05 3

6.04E-10	.654	.625	C A
NO	.053	1.44E-08	2.00E-08 6900 3.7
9.62E-05	9.72E-04	13.8	15.5
5.00	17.5	19.2	
1800.	3200.	112	.045 -0.00
WME-SPA-AFT-1054	999999	1.10E-05	4.06E-04 227. 5.00 19.2 2.13E-05 3
6.04E-10	.654	.625	C A
NO	.053	1.44E-08	2.00E-08 6900 3.7
9.62E-05	9.72E-04	13.8	15.5
5.00	17.5	19.2	
1800.	3200.	112	.045 -0.00
WME-SPA-AFT-1072	999999	1.10E-05	4.06E-04 225. 5.00 19.2 2.13E-05 3
6.04E-10	.654	.625	C A
NO	.053	1.44E-08	2.00E-08 6900 3.7
9.62E-05	9.72E-04	13.8	15.5
5.00	17.5	19.2	
1800.	3200.	112	.045 -0.00
WME-SPA-AFT-1076	999999	1.10E-05	4.06E-04 222. 5.00 19.2 2.13E-05 3
6.04E-10	.654	.625	C A
NO	.053	1.44E-08	2.00E-08 6900 3.7
9.62E-05	9.72E-04	13.8	15.5
5.00	17.5	19.2	
1800.	3200.	112	.045 -0.00
WME-SPA-AFT-1078	999999	1.10E-05	4.06E-04 217. 5.00 19.2 2.13E-05 3
6.04E-10	.654	.625	C A
NO	.053	1.44E-08	2.00E-08 6900 3.7
9.62E-05	9.72E-04	13.8	15.5
5.00	17.5	19.2	
1800.	3200.	112	.045 -0.00
WME-SPA-AFT-1079	999999	1.10E-05	4.06E-04 209. 5.00 19.2 2.13E-05 3
6.04E-10	.654	.625	C A
NO	.053	1.44E-08	2.00E-08 6900 3.7
9.62E-05	9.72E-04	13.8	15.5
5.00	17.5	19.2	
1800.	3200.	112	.045 -0.00
WME-SPA-AFT-1056	999999	1.10E-05	4.06E-04 206. 5.00 19.2 2.13E-05 3
6.04E-10	.654	.625	C A
NO	.053	1.44E-08	2.00E-08 6900 3.7
9.62E-05	9.72E-04	13.8	15.5
5.00	17.5	19.2	
1800.	3200.	112	.045 -0.00
WME-SPA-AFT-1070	999999	1.10E-05	4.06E-04 203. 5.00 19.2 2.13E-05 3
6.04E-10	.654	.625	C A
NO	.053	1.44E-08	2.00E-08 6900 3.7
9.62E-05	9.72E-04	13.8	15.5
5.00	17.5	19.2	
1800.	3200.	112	.045 -0.00
WME-SPA-AFT-1044	999999	1.10E-05	4.06E-04 201. 5.00 19.2 2.13E-05 3
6.04E-10	.654	.625	C A
NO	.053	1.44E-08	2.00E-08 6900 3.7
9.62E-05	9.72E-04	13.8	15.5
5.00	17.5	19.2	
1800.	3200.	112	.045 -0.00
WME-SPA-AFT-1044	999999	1.10E-05	4.06E-04 201. 5.00 19.2 2.13E-05 3
6.04E-10	.654	.625	C A
NO	.053	1.44E-08	2.00E-08 6900 3.7
9.62E-05	9.72E-04	13.8	15.5
5.00	17.5	19.2	
1800.	3200.	112	.045 -0.00
WME-SPA-AFT-1044	999999	1.10E-05	4.06E-04 201. 5.00 19.2 2.13E-05 3
6.04E-10	.654	.625	C A
NO	.053	1.44E-08	2.00E-08 6900 3.7
9.62E-05	9.72E-04	13.8	15.5
5.00	17.5	19.2	
1800.	3200.	112	.045 -0.00
WME-SPA-AFT-1044	999999	1.10E-05	4.06E-04 201. 5.00 19.2 2.13E-05 3
6.04E-10	.654	.625	C A
NO	.053	1.44E-08	2.00E-08 6900 3.7
9.62E-05	9.72E-04	13.8	15.5
5.00	17.5	19.2	
1800.	3200.	112	.045 -0.00
WME-SPA-AFT-1044	999999	1.10E-05	4.06E-04 201.

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WAF-CTO-JF-0100 2 APR-86 140 E 14 15 0 3 705 45

0.0 500 05C D C
 00 220 4.00E-06 2.34E-07 4200 00.
 7.74E-05 1.24E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 0400. 0.030 -0.01
 USC-STW-1SC-0127 240120 2.71E-05 3.37E-04 400. 5.16 13.0 3.39E-05 4
 0.0 231 05C D C
 00 220 4.00E-06 2.34E-07 4200 3.9
 0.05E-05 6.75E-04 5.16 7.00
 5.16 0.94 10.0
 1000. 0400. 0.033 -0.01
 USC-STW-1SA-0000 040000 1.31E-05 1.63E-04 400. 5.16 13.0 3.39E-05 4
 0.0 000 05C D C
 00 220 4.00E-06 2.34E-07 4200 0.0
 4.00E-05 3.20E-04 5.16 7.0
 5.16 0.94 10.0
 1000. 0400. 0.009 -0.01
 USC-STW-1SA-0030 300000 1.04E-05 4.19E-04 400. 5.16 15.0 3.39E-05 4
 0.0 000 05C D C
 00 220 4.00E-06 2.34E-07 4200 3.0
 5.04E-05 9.39E-04 10.2 12.0
 5.16 14.0 15.0
 1000. 0400. 0.115 -0.01
 USC-STW-1SA-0000 303000 2.14E-05 2.66E-04 400. 5.16 13.0 3.39E-05 4
 0.0 000 05C D C
 00 220 4.00E-06 2.34E-07 4200 0.0
 6.00E-05 5.34E-04 5.16 7.0
 5.16 0.94 10.0
 1000. 0400. 0.147 -0.01
 USC-STW-1SA-0000 157320 4.13E-05 1.03E-03 400. 5.16 15.0 3.39E-05 4
 0.0 000 05C D C
 00 220 4.00E-06 2.34E-07 4200 3.0
 1.27E-04 2.80E-03 10.2 12.0
 5.16 14.0 15.0
 1000. 0400. 0.264 -0.01
 USC-STW-1SA-0127 157320 4.13E-05 5.14E-04 400. 5.16 13.0 3.39E-05 4
 0.0 231 05C D C
 00 220 4.00E-06 2.34E-07 4200 15.0
 1.29E-04 1.03E-03 5.16 7.0
 5.16 0.94 10.0
 1000. 0400. 0.204 -0.01
 USC-STW-1SA-0000 745200 1.50E-05 6.52E-04 400. 5.0 19.2 1.19E-05 4
 1.33E-04 1.067 D C
 00 056 9.15E-09 7.53E-08 7400 240.
 1.29E-04 1.30E-04 13.0 15.5
 5.0 17.5 19.2
 1000. 0400. 0.224 -0.01
 USC-STW-1SA-0000 090000 1.71E-05 7.04E-04 400. 5.0 19.2 1.19E-05 4
 1.33E-04 1.067 D C
 00 056 9.15E-09 7.53E-08 7400 240.
 1.30E-04 1.41E-03 13.0 15.5
 5.0 17.5 19.2
 1000. 0400. 0.245 -0.01
 USC-STW-1SA-0000 602400 1.70E-05 7.33E-04 400. 5.0 19.2 1.19E-05 4
 1.33E-04 1.067 D C
 00 056 9.15E-09 7.53E-08 7400 240.
 1.45E-04 1.47E-03 13.0 15.5
 5.0 17.5 19.2
 1000. 0400. 0.254 -0.01
 USC-STW-1SA-0000 593000 1.09E-05 9.19E-04 400. 5.0 19.2 1.19E-05 4
 1.33E-04 1.067 D C
 00 056 9.15E-09 7.53E-08 7400 240.
 1.40E-04 1.04E-03 13.0 15.5
 5.0 17.5 19.2
 1000. 0400. 0.264 -0.01
 USC-STW-1SA-0000 000000 0.00E-05 0.00E-04 400. 5.0 19.2 1.19E-05 4

1.33E-08	1.	.447	D C
M0 .856	9.15E-09	7.53E-08	7400 240.
1.59E-04	1.60E-03	13.0	15.5
5.0	17.5	19.2	
1000.	4000.	5	.278 -0.01
WSC-SWS-CEN-0000	745200	1.45E-06	4.59E-05 480. 5.29 19.2 1.19E-05 4
1.33E-04	.460	.667	D C
M0 .856	9.15E-09	7.53E-08	7400 3.9
5.7E-06	9.19E-05	10.2	12.0
5.29	16.1	15.0	
1000.	4000.	5	.227 -0.01
WSC-SWS-CEN-0030	749200	1.42E-06	2.35E-04 480. 5.29 19.2 1.19E-05 4
1.33E-04	.460	.667	D C
M0 .856	9.15E-09	7.53E-08	7400 3.9
2.94E-05	4.70E-04	10.2	12.0
5.29	16.1	15.0	
1000.	4000.	5	.245 -0.01
WSC-SWS-CEN-0060	604200	9.01E-06	2.45E-04 480. 5.29 19.2 1.19E-05 4
1.33E-04	.460	.667	D C
M0 .856	9.15E-09	7.53E-08	7400 3.9
3.06E-05	4.89E-04	10.2	12.0
5.29	16.1	15.0	
1000.	4000.	5	.254 -0.01
WSC-SWS-CEN-0100	593400	1.09E-05	2.73E-04 480. 5.29 19.2 1.19E-05 4
1.33E-04	.460	.667	D C
M0 .856	9.15E-09	7.53E-08	7400 3.9
3.42E-05	5.46E-04	10.2	12.0
5.29	16.1	15.0	
1000.	4000.	5	.264 -0.01
WSC-SWS-CEN-0127	607200	1.07E-05	2.67E-04 480. 5.29 19.2 1.19E-05 4
1.33E-04	.460	.667	D C
M0 .856	9.15E-09	7.53E-08	7400 3.9
3.34E-05	5.34E-04	10.2	12.0
5.29	16.1	15.0	
1000.	4000.	5	.278 -0.01
WSC-SWS-MT-0000	745200	1.50E-05	6.52E-04 480. 5.0 19.2 1.19E-05 4
1.33E-04	.460	.667	D C
M0 .856	9.15E-09	7.53E-08	7400 3.9
1.29E-04	1.32E-04	13.0	15.5
5.0	17.5	19.2	
1000.	3200.	5	.004 -0.01
WSC-SWS-MT-0030	699000	1.71E-05	7.04E-04 480. 5.0 19.2 1.19E-05 4
1.33E-04	.460	.667	D C
M0 .856	9.15E-09	7.53E-08	7400 3.9
1.39E-04	1.41E-03	13.0	15.5
5.0	17.5	19.2	
1000.	3200.	5	.005 -0.01
WSC-SWS-MT-0060	664200	1.70E-05	7.33E-04 480. 5.0 19.2 1.19E-05 4
1.33E-04	.460	.667	D C
M0 .856	9.15E-09	7.53E-08	7400 3.9
1.45E-04	1.47E-03	13.0	15.5
5.0	17.5	19.2	
1000.	3200.	5	.007 -0.01
WSC-SWS-MT-0100	157320	7.51E-05	3.80E-03 480. 5.0 19.2 1.19E-05 4
1.33E-04	.460	.667	D C
M0 .856	9.15E-09	7.53E-08	7400 3.9
6.12E-04	6.10E-03	13.0	15.5
5.0	17.5	19.2	
1000.	1800.	5	.204 -0.01
WSC-SWS-MT-0127	157320	7.51E-05	3.80E-03 480. 5.0 19.2 1.19E-05 4
1.33E-04	.460	.667	D C
M0 .856	9.15E-09	7.53E-08	7400 15.0
6.12E-04	6.10E-03	13.0	15.5
5.0	17.5	19.2	
1000.	1800.	5	.204 -0.01

2.10E-09	357	3.205	0	A	
MO	3.05	3.07E-07	3.07E-07	9500	1.0
4.23E-05	6.75E-04	5.1	6.0		
5.00	7.00	7.90			
1000.	1600.	22	186	-0.00	
WMG-ACC-FRM-052E	240120	5.41E-05	6.75E-04	420.	9.01 10.9 1.19E-05 4
2.10E-09	357	3.205	0	A	
VES	3.05	3.07E-07	3.07E-07	9500	3.0
4.45E-05	1.35E-03	10.2	12.0		
9.01 16.0	15.0				
1000.	1600.	22	186	-0.00	
WMG-ACC-FRM-062E	240120	2.71E-05	3.70E-04	420.	5.00 10.9 1.19E-05 4
2.10E-09	357	3.205	0	A	
MO	3.05	3.07E-07	3.07E-07	9500	1.9
4.27E-05	6.75E-04	5.1	6.0		
5.00	7.00	7.90			
1000.	1600.	22	186	-0.00	
WMG-ACC-FRM-080E	240120	5.41E-05	6.75E-04	420.	9.01 10.9 1.19E-05 4
2.10E-09	357	3.205	0	A	
MO	3.05	3.07E-07	3.07E-07	9500	1.9
4.45E-05	1.35E-03	5.1	6.0		
9.01 16.0	15.0				
1000.	1600.	22	186	-0.00	
WMG-ACC-FRM-091E	240120	2.71E-05	3.70E-04	420.	5.00 10.9 1.19E-05 4
2.10E-09	357	3.205	0	A	
VES	3.05	3.07E-07	3.07E-07	9500	1.9
4.23E-05	6.75E-04	5.1	6.0		
5.00	7.00	7.90			
1000.	1600.	22	186	-0.00	
WMG-ACC-FRM-0945	240120	5.41E-05	6.75E-04	420.	9.01 10.9 1.19E-05 4
2.10E-09	357	3.205	0	A	
MO	3.05	3.07E-07	3.07E-07	9500	3.0
8.45E-05	1.35E-03	10.2	12.0		
9.01 16.0	15.0				
1000.	1600.	22	186	-0.00	
WMG-ACC-FRM-1000	240120	2.71E-05	3.70E-04	420.	5.00 10.9 1.19E-05 4
2.10E-09	357	3.205	0	A	
MO	3.05	3.07E-07	3.07E-07	9500	1.9
4.23E-05	6.75E-04	5.1	6.0		
5.00	7.00	7.90			
1000.	1600.	22	186	-0.00	
WMG-ACC-FRM-1004	240120	5.41E-05	6.75E-04	420.	9.01 10.9 1.19E-05 4
2.10E-09	357	3.205	0	A	
MO	3.05	3.07E-07	3.07E-07	9500	1.9
4.45E-05	1.35E-03	5.1	6.0		
9.01 16.0	15.0				
1000.	1600.	22	186	-0.00	
WMG-ACC-FRM-1004	240120	2.71E-05	3.70E-04	420.	5.00 10.9 1.19E-05 4
2.10E-09	357	3.205	0	A	
MO	3.05	3.07E-07	3.07E-07	9500	1.9
4.23E-05	6.75E-04	5.1	6.0		
5.00	7.00	7.90			
1000.	1600.	22	186	-0.00	
WMG-ACC-FRM-1004	240120	5.41E-05	6.75E-04	420.	9.01 10.9 1.19E-05 4
2.10E-09	357	3.205	0	A	
MO	3.05	3.07E-07	3.07E-07	9500	3.0
8.45E-05	1.35E-03	10.2	12.0		
9.01 16.0	15.0				
1000.	1600.	22	186	-0.00	
WMG-ACC-FRM-1112	240120	2.71E-05	3.70E-04	375.	5.00 10.9 1.19E-05 4
2.10E-09	357	3.205	0	A	

2.10E-09 .357 .305 D A
YES .305 3.07E-07 3.07E-07 9500 1.9
0.05E-05 1.30E-03 5.1 6.0
5.0 7.0 7.90
1000. 1600. 22 .191 -0.00
WNG-ACC-FRM-1196 223560 2.91E-05 3.04E-04 340. 5.0 10.0 1.19E-05 4
2.10E-09 .357 .305 D A
NO .305 3.07E-07 3.07E-07 9500 1.9
4.54E-05 7.25E-04 5.1 6.0
5.0 7.0 7.90
1000. 1600. 22 .208 -0.01
WNG-ACC-FRM-1224 213900 6.08E-05 7.50E-04 342. 9.01 10.9 1.19E-05 4
2.10E-09 .357 .305 D A
NO .305 3.07E-07 3.07E-07 9500 3.0
0.40E-05 1.50E-03 10.2 12.0
9.01 10.0 15.0
1000. 1600. 22 .209 -0.00
WNG-ACC-FRM-1252 204240 3.10E-05 4.35E-04 335. 5.0 10.9 1.19E-05 4
2.10E-09 .357 .305 D A
YES .305 3.07E-07 3.07E-07 9500 1.9
4.97E-05 7.93E-04 5.1 6.0
5.0 7.0 7.90
1000. 1600. 22 .219 -0.00
WNG-ACC-FRM-1240 197340 6.50E-05 0.21E-04 320. 9.01 10.9 1.19E-05 4
2.10E-09 .357 .305 D A
NO .305 3.07E-07 3.07E-07 9500 1.9
1.03E-04 1.04E-03 5.1 6.0
5.0 7.0 7.90
1000. 1600. 22 .227 -0.00
WNG-ACC-FRM-1300 190440 3.41E-05 4.47E-04 310. 5.0 10.9 1.19E-05 4
2.10E-09 .357 .305 D A
NO .305 3.07E-07 3.07E-07 9500 1.9
5.33E-05 9.51E-04 5.1 6.0
5.0 7.0 7.90
1000. 1600. 22 .235 -0.00
WNG-ACC-FRM-1336 180920 7.03E-05 0.70E-04 313. 9.01 10.9 1.19E-05 4
2.10E-09 .357 .305 D A
NO .305 3.07E-07 3.07E-07 9500 3.0
1.10E-04 1.75E-03 10.2 12.0
9.01 10.0 15.0
1000. 1600. 22 .242 -0.01
WNG-ACC-FRM-1344 176400 3.60E-05 5.03E-04 307. 5.0 10.9 1.19E-05 4
2.10E-09 .357 .305 D A
NO .305 3.07E-07 3.07E-07 9500 1.9
5.74E-05 9.17E-04 5.1 6.0
5.0 7.0 7.90
1000. 1600. 22 .253 -0.01
WNG-ACC-FRM-1392 171120 7.59E-05 9.47E-04 300. 9.01 10.9 1.19E-05 4
2.10E-09 .357 .305 D A
NO .305 3.07E-07 3.07E-07 9500 1.9
1.74E-04 1.04E-03 5.1 6.0
5.0 7.0 7.90
1000. 1600. 22 .261 -0.00
WNG-ACC-FRM-1423 164220 3.94E-05 5.41E-04 293. 5.0 10.9 1.19E-05 4
2.10E-09 .357 .305 D A
NO .305 3.07E-07 3.07E-07 9500 1.9
6.10E-05 9.07E-04 5.1 6.0
5.0 7.0 7.90
1000. 1600. 22 .272 -0.00
WNG-ACC-FRM-1454 161400 0.05E-05 1.00E-03 287. 9.01 10.9 1.19E-05 4
2.10E-09 .357 .305 D A
NO .305 3.07E-07 3.07E-07 9500 3.0
1.26E-04 2.01E-03 10.2 12.0
9.01 10.0 15.0
1000. 1600. 22 .277 -0.00
WNG-ACC-FRM-1484 150700 4.00E-05 5.00E-04 280. 5.0 10.9 1.19E-05 4

2.1ME-04 .357 .345 0 A
 W0 .305 3-07E-07 3-07E-07 9500 1.9
 6.30E-05 1.02E-03 5.1 6.0
 5.0 7.0 7.98
 1000. 1400. 22 .202 -0.00
 W0G-ACC-FRM-1517 157320 0.26E-04 1.03E-03 272. 9.01 10.9 1.19E-05 4
 2.1ME-04 .357 .305 0 A
 W0 .305 3-07E-07 3-07E-07 9500 1.9
 1.20E-04 2.00E-03 5.1 6.0
 5.0 7.0 7.98
 1000. 1600. 22 .204 -0.00